and sub.

Hany times in our code : W. A assign value to constant !  line using 'cont' keyword.	on same
line using 'cont' kuyword.	
Example: - Const pi = 3.1415.	
B) WA VBP to illustrate constar	nt (Find)
B) WA VBP to illustrate constant Area 4 parameter of circle	<b>)</b> .
Sol. Private sub comd Area-click ()	Circle X
Cond pi= 3.1415	Raclius
Label 1 · caption = pi * texts · text * texts · text	Label
	Result
Private sub cond parameter - elicle ()	
Const pi= 3.1415	Cmd and
Label 1. caption = pix 2* val (+1x+1)	cmd parami-
end sub.	
Note: -> We can change the variable	s data type
Note:-) We can change the variable.  with 'ReDim' keyword (ReDin	m).

j) Fixed size Array on) A fixed size array cuhich always remains the same
size as subscript. It's size is not
Change at run time.
ii) Dynamic Array 80) The array whose size can be change at
size can be change at
run time is known the size of an
ay at run-time we use 'RiDim'
Ex:- Dim x(5) as integer.
In another procedure, it we need lavae
In another procedure, if we need lærge size of array then we resize it.
Re Dim x (10) or integer.
It increase the size of array & & discould it's all previous value to store it's previous value we use 'preserve' luyword with 'ReDim' As,
discoud it's all privious value to store
it's privious value un use preserve
luyword cineth 'ReDim' As,
Re Dim preserve x (10) as integer.

* Declaring Array on)
Array occupy space in Memory. The pro-
grammer specifies the array type & the
enumber of element required by the
array so that the compiler may rem
ve the appropriate amount of Hemory.
Array may be declared as public! I'm
module of Hodule or Local.
1/caru
arrays are declare in general declaration
using kyword Dim' or Private: Local
array are declared in a procedure using
Dim' or static'. Array must be
declared explicity with leyword 'As'
* Different Style of Array Declaration:
i) Dim a(5) as integer ? Stone 6 supscripte
(iii) Dim a (5) as indean x (0) as string [ 100]
iv) Dim a (1 to 5) as integer ; x (0) as string [,] iv) Dim a (1 to 5) as integer & Store 5 subscript
Jan

* 1	dti-D	imunsio	mal A	rray o	<b>y</b>
In Yu	V·B Utiple	dimense	n du	clane a	n array of contains
mod	re th	am on		szcu <b>rb</b> i .	
Example	:-i) r	)jm 0	(4,3	2) as	integer.
In o	the ab	ove,	2 /2 (	a two	- démense mal
arra	y w	ure it	has	5 800	us a 4 colum-
n ·					
	STATE OF THE STATE				l it in other
wae	y as:-			<u> </u>	
	Dim a	(064)	063	).	
		1877.19			
	number	04 801	ے۔ دیر	5	
	)			- 4	
	a(0,0)	0(0'1)	a(0,2)	a(0,3)	
a(1,0)		0(1,1)	a(1,2)		a (1,3)
a (2,0)		a(a 2,1)	a(2,2)		a(2,3)
a(3,0)		a (3,1)	a(3,2)		a(3,3)
a(4,0)					
		a(4,1)	a(4,2)	a(4,3)	

1) WAVBP to imput the element of Array.  4 display them (One - D a Two-D array).
6 dienter Hum (One - D 4 Two-D array)
arpley vem
For 1-D Array:
Dima(oto5)atage
1-DArray 巨国区 Privat 84bgmd
For isolos
Imput Data + Command 1 a (i) = In put box
("Enter aire or
Display Array Control - Command 2 Of Clement
Mert
Docival Syb-cond2
Dim a (0405) As Integer For 120405
Dim kas Integer Print q(i)
Next
Private sub command 1- click()
Static i As integer.
a (i) = Imput Box ("enter array element")
i= i+1
K= ?
End sub
Private sub command 2_click ()
Dim J As Integer
Form 1 · cls (clear)
For a (j)
Next
end sub Teacher Signature
DADLOG GUANDANI DEDT OF DOA DIK GOLLEGE DUMBAGNI

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· For 2-0 Array
2-D Array FIX
Imput Data
Desplay Array Content
Dim(0 to 3, 0 to 2) as Inter
Dim a (2,2) as indegen Protestis Condicional
Four 1 = 0 to 3
Private sub command_click() For j=0 to2
For 1=0 to 2
For j= 0 to 2  a(i,j)=InputBox("Interarray of element
a(i, j) = Imput Box ("enter array element "")
Next Private Sub Command 2-Click()  and sub For in 0 to 3
Private sub command 2-click () Next
Print a (Ai, i) Print a (i, j);
End sub Next end sub

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Private sub command 4-click()
for 1=04010
Print a(P)
Next
and sub.
2) Dynamic Array on  A dynamic array con  be resigned Dynamically at run time;
ke resiged Dynamically at run time, using Re-Dim kuyword.
Q). Disign a VB application to show the use of Dynamic Array.
Sol.  Step1-) Create a favem along with a comm  and button name - omd dynamic &  it's caption will be a Dynamic Array
Step2 -> In general declaration section Declare a Array (Dynamic) Dim da() as integer-
Step 3-) Add seu following code to comodynamic- event as given below:

o clide
Privati sub conddynamic click ()  Re Dim da (1 to 10) as integer
ReDian da (1 to 10)
ReDiem da (100) For K=1 to 10
For KEL OB da (K) = K + LO
Print da(K)
Next K & K & optional }
- IVANT IS IN THE
and sub
Note: In D. Array we can use 'preserve'  layword to hold its (Array) privious  value (if contain).
Note: Day on bold its (Array) privious
- Value (it contain)
- Valid (i) Core
* Control Array on
. 50111101 / 11009
A control array is an
array of controls.
* Control Array & A control array is an array of controls.
for eg:-
have same mame: Each of
have same mame: Each of
have same mame: Each of
for eg:-  A control of five check boxes will  have same mame: Each Check box in  array will be uniquely identified by on  index value of starting from O(zero).
for eg:-  A control of five check boxes will  have same mame: Each Check box in  array will be uniquely identified by on  index value of starting from O(zero).
for eg:-  A control of five check boxes will  have same mame: Each Check box in  array will be uniquely identified by on  index value of starting from O(zero).
for eg:-  A control of five check boxes will  have same mame fach check box in  array will be uniquely identified by on  inclux value p starting from all a

'chklist' at the second check box control
spicify the same name as the first
that is 'chklist', we will get a
Mesage as given below.
Microsoft Visual Basic
You already have a control
/ name 'chklist' Do u
want to create a central
aray.
Yes No Help
Click on 4es button to create a control array.
11.+7-4
UNIT-4 11/8/12
* Control Otructure 80)
Control Structure allows us
to control the flow of owe program st-
ructure. If we don't use control structure
the program logic will flow through state-
emends from left to right & top to bott-
on. Most of the power & citility of any
om. Most of the power & chility of any programming language lies within deci- sion structure & looping. The condrol
sion structure 4 looping. The control