	Day 29 300 2	- 30-04-2022
	Absignment J	Page NC: (1)
	O	- 30-04-2023 Page NC (1)
S. W. O.	I have the	LINE Laboria was buy us
	CONTROL FLOW	STATEMENTS:
00	control f	low statements to control the
4 mont	execution of	a program based on certain
Conditi	ens. There wie	a program based on certain used to cause the flow of
MACLITI	on to dimension	Source / Marie Carl
There	Lare 3 types of.	control statements in Java:
atar 1	* Decision Ma	control statements in Java:
	* Loop Stat	ements
	* Tumb (Or) Br	ements anch Otatements.
, y		
Decision	making State	ments: ratements execute a pièce of condition
Fiers	Lien making sat	ratements execute a piece of
code	based on home	condition:
	haude abuton	1: TAK FAR CE MANIADAY : 1
TEST		. Welling good
and the same in the same in	* Sumple it	
	- 11 Wto	tement is lived to decide
ushalha	1 a posticulou	tement is used to decide block of rode will be based on a certain
10 Cult	ra parametr	bound of work be
condit	in ser rue	custa on a vertain
JUST NOW!	- if the one	rdition is true, then the
2000 0	executed oth	burush is true, then the
	The state of the s	culle Tiot.
<u>xyn</u>	oc:	
-4	(condition)  5 statement:	
	1 prutement;	
0		
cocamp	lo program:	The second secon
pack	lage oig . Kontre	olstatements:
umpe	ut java uli	X. Scannu;
bubl	lic class cont	ralflowstatements?
	public Statu ir	solflowstatements { sid main (string [] args new Scanner (system.in);
	& Scanner D=	new Scanner (System 1)
	1 Courses 10	(mail: w);

int age = & nextInt(); Page No. (2) 4 (age >18) { System. out printly ("Eligible for vote"); The if statement is used to execute block of code based on condition. is false and we want to do some when the condition Lue that's where else Statement is used In this the condition is true then the code unside the if blook is executed otherwise the is executed il (condition) { true statement else & false Statement: 3 la program !!! package or controlistatements import jaira util Scanner public class controlflowstatements public Static void main (String (Jags Scannes &= new Scanner (Cystem in): System. out. println ("Enter your age: "); int age = & nextInt(); if (age >= 18) System out println ("Eligible for vote"); I else { septem out printle ("Age criteria not met, so not eligible for 3 Note"):

4 ete 4 ladder in war
Westatement if followed by Process 3
multiple else-il blocks we can
multiple else-it blocks we can create a decision tree by using these control
estatements in joura.
estatements in joura. In which block where the condition is true is executed and rest of the ladder is ignored are not executed.
is true is executed and rest of the lodder is
ignored are not executed.
else l'hone of the condition is true, are russ
else block is executed, if present.  Syntax:
if (condition 1)
statement 10 Jan and and and
E Pho it
Statement 23 g farment and and and allow
Example in show got good such as nothing and the
package org. control flow Statement;
public class operators scample?
public static voia main (string 15 wigs)
public class operators scample {     public static void main(string[] args)     { System out println ("proofs for vote");     String proof = "agabar";
if (proof = 'voteria')
System out printin C"Noter id Valid,
allow to vote U;
2 Dance Little Source
else if { proof == "sadhar"
f System out printly C"Ladbou Valid Bo allow
of fox vote 2:40
else if (proof == "ration card")  System out printly ("kation card valid  So allow for Vote");
5 System out Printle (1) Ration card valid
Lo allow for vote");
Con 4 1-2 2 Mary approved to market 22
3 males
The state of the s
Medical Control of the Control of th

4. Nested - 4: (works on logical AND basis)
vested if refers to an if statement (4) within an y statement, when
within an i statement, when
we write an unicity condition within an
outer if condition,
Syptax: 2000 holimano Ashalia Santi
i (condition 1)
{ statement 1; // executes when condition
il (condition 2) Is true.
& Statement 2: 11 ocecutes when condition h
110
Jelse { statement 2; 1/cocecutes when condition 2 is false.
3 2 isfalse.
J. S.
Scample program:
package org. controlflow statements; public closs operators scample?
public class operators cample {
public Static boid main (String []
- Ougs)
1 Int age = 64>
String proof == "aadhar"
= ? + (lage >= 18) } If ( proof == "caadhar")
S contract of the
System.out.printlp ("both has been sheeked
eligible for vote");
a graph for roge
J. J. S.
switch statement:
Suitch Statements are almost Similiar to the if-ele-If ladder control Statements in Java. It is a multi branch
States and in the if the multi branch
Statement: Oi action then it-else-it ladder
and also more user-friendly and readable.
and valso more user-friendly and readable,
Scanned with CamScanner

and based on the output of
and based on the output of
the expression, one or more blocks of come
vare executed.
These blocks are called cases. We may
also as a delay to blook and cook that
can be executed when none of the cases
can be executed when none of the cases are matched Similiar to the else block.
Syntax:
Switch (expression)
[ case value 1:
Statement 1:
break; case value2;
Statemen 2 3
break; de de de didos
I hopered a me a book situation of durante
: Capus
case Value n:
Statement N: Maria and all
break!
default Statement:
Fig. all productive modernic in the second second
- cample:
package org. controlstatements.
public class control flow Waternents ;
public Static void mais (String []
public State vous man (Skring)
( colors)
f String Shit = "m"; Switch Cohut
Switch Condo
of case "s": System.out printle
f case "s": System.out.println C"Small Size Shvits avoilable heu"; break;
heab.

case	"m":
	"m":  System: out. Println ("Meduim Data. B)  Size Shirts are cavailable");
	break;
case	"!": Bystem. out. println ("harge Bize Bhirts are available");
	break;
mse "	xl": Bystem. out. println ("xtra large &ize
	shirts available here is
	break;
alan	11 Cale and shirt Cult of all of
defau	elt: System.out.pruntln ("Not awailable in Showroom");
Š.	hreak:
-	3
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1 7	