

Scanner Scan = new Scanner (Systemin); System. out. pointen ("Enter your age); int age = scom. mextInt if (age)218)

System.oud. print In 1 Your one eligible for voting !!).

else 3 system. out-println ("You are not eligible for votingu);

2) if tages or (age (0) gyesten. out. postulin (" Frivalid Agel); 1 f (age >= 18) system. out. printer (M You are eligible Eysten. out, printle (Myoke ar nat 0/00

elizable for voling"

- out and indepling there is the Enter your age Herethan, made = 21 min dis Trualid Age You are not eligible for voting. withing the models Wested IF/Else (85 (24 mm) \$ 2 27/50 Welling Commission if (and). and a st endities क्रां हीगा किर वाहर निकल else if (cond 2) else if (cond 3) 3 else if (true) System. out. printeln (Jethallel loves if (false) out out of median (Babita"); System. out. printer (u kuch bhi likho, Konsa point hona hai je line"), Output Jedralal Jores babita.

System. Outs pointly ("Enter your Marks");

int marks = scom. next Int();

it (marks > 60)

System. out. parintly ("Ist");

else it (marks > 45)

else it (marks > 33)

else it (marks > 33)

System. out. paintly ("3xd");

else

System. out. paintly ("3xd");

System. out. println 1 "failed");

Year	wimer	year	wimes
1972	West Indies	1999	Austraille
1080	N Tood's	2003	M
1082	India Australia	2007	India
1000	Pakisten	2015	Australi'a
. أي من ال	Lallanta (2019	England.

System out printen ("Enter Years);

Scarmer scan z new scanner (844m)

switch (years)

Case 19253:

System. out. podrahor ("West Indies")

Case 1979: System. out. printr ("West Indies")

break!

Case 1983! System out point ("Indiqu); break!

```
18811 920
   Dysten out printen ("Australla");
 proff,
case 2019:
    Shayers . Out. bringful (Endrang 11)?
    meat
  default:
    System. out. print/or ("There was no world cup
       happed in the year you entered!
 05
  int year = econ noxtInd
   compet (Labora)
      Case 1975;
       Case 1929!
         System. out. privaln ("West Indies");
       break;
                       the part of
                        thing where gradies are
    cre 2011;
       System. out. printin ("India").
       preak;
                                  A') Notin
    Case 1987!
     case 1999!
     Carse 2003.
      Case 2007!
      Case 2015!
          System. out pointly ("Australia");
      Cuse 1992;
         System.out. pointln ("Pakis tean")
         break ,
                              28) Anticus
       Case 1996;
          Silsten. ont. being (nogi rouga)).
           beak;
```

System. out privale (4 England "); break. default: Bystern. out. privation (" There was no wor! cup happened in the year you Switch (1) " bring but in Silsten. Out. being (ubeint In), Output Projus 1 switch & default value onti & I if of chalega. but koi output nhi aayega agar uralid input dege tab. Using characters, constants & storing in switch ('A') System. out. printen ("123") switch ('A') tuing i Euro. To stop. Case 65: System. out. printlos (44564) switch (B5) Stagen. org. beging on Inded 1).

Storing name = "Par" switch (nome) Light was a service 1 case "pgo" System. out. pointln (4 String allowed 4). Output Tropic and Acres to 123 426 TO APPLY COLORS String allowed. A part of the same 1) The expression provided in the switch was ult in a constant value otherwise it would not be valid. The expression com be integer expression or a characteri expression. An expression must always execute to a result. Note: In JAVA even strings are allowed in switch and case. Valid expression for switch: 1/constant expressions allowed switch (1+2+23) switch (1 40 2 + 3.1.4) 11 Variable expression are allowed provided they goe assigned with fixed values switch (a * b+c*d)
switch (a+b+c) (2) Case labels must see constants and unique. Duplicate case values que mot

· Janes Janes Comment

allowed.

3) The default statement is optional. Even if the ewitch case statement do not have a default statement, it would run without any problem only one default statement is allowed Pulsande printe "Indiving, two, marzi # include <stdio.h> int main () 2 switch ("pgr") case upgon:
printp (" String Accepted"); ig and I for the Output one not allowed # include Liostream> using normespace stoli switch (upgrn) タームこと うしいりん case upgr": cout 12 4 string, Accepted 4. outurn 0; Erroretory not allowed

A Nestring of switch statements are allowed, which means you can have switch statements witch thowever nested switch inside another switch. However nested switch statements should be avoided as it makes program more complex and less readable.

5. Time Complexity: O(1) Space Complexity: O(1)