Control statements enable us to specify the flow of program control; ie, jump from one section of code to another. the order in which the instructions in a program must be executed. They make it possible to make decisions, to perform tasks repeatedly or to

There are two types of control statements:

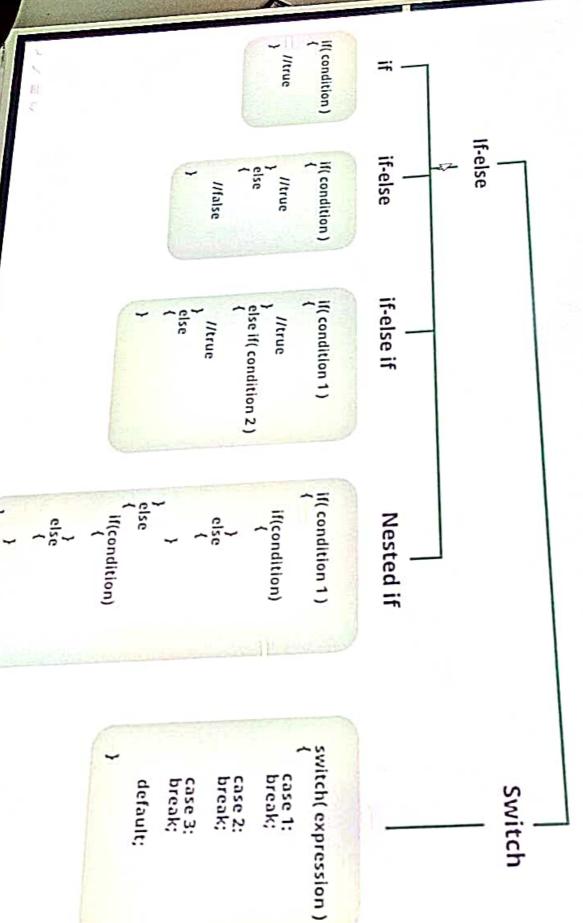
- Selection Statements
- Iteration statements
- Transfer statements

some decisions and based on these decisions we will execute the next Similar situations arise in programming also where we need to make and based on these decisions, we decide what should we do next. There come situations in real life when we need to make some decisions

Selection statement/Decision making statements in programming languages decides the direction of flow of program execution

block of code

Decision Making



6

Program to check largest number among three number. class Pro

Switch caseIt is the multiple choice statement and a substitute for if else ladder

Syntax:

```
switch (n) {
                                                                                                                                            case 1: // code to be executed if n = 1;
                                                                                     case 2: // code to be executed if n = 2;
                            case 3: // code to be executed if n = 3;
                                                                                                                 break;
                                                       break;
break;
```

default: // executed if n doesn't match any cases

Rules for switch case:

- Switch is taking the argument, the allowed arguments are byte, short, int, char (primitive data types) Byte, Short, Integer, Character(wrapper classes)
- is possible to declare only one default statement Inside the switch it is possible to declare more than one case but it
- float, double, long are not allowed as a switch argument because these are having too large values
- Inside the switch statement break, default and case are optional
- Inside the switch the case labels must be unique

satisty. It is used to execute group of statement repeatedly till the condition

Java support four types of looping statement.

- 1. while loop
- 2. do while loop
- 3. for loop
- for each loop

most important. Basically in looping statement three things are included and that are

- initialization
- condition
- 3. updation

