Do while is exit control loop.

It will execute at list once even if condition fail.

**import** **static** java.lang.System.***out***;

**public** **class** Myclass {

**public** **static** **void** main(String[] args) {

**int** no=5;

**do**

{***out***.print(no);//5

no++;

}**while**(no<4);//6

}

}

//Go on accepting number from user and do the sum of it till user enter 0.

**import** **static** java.lang.System.***out***;

**import** java.util.\*;

**public** **class** Myclass {

**public** **static** **void** main(String[] args) {

**int** a, sum=0;

Scanner sc= **new** Scanner(System.***in***); //System.in is a standard input stream.

***out***.print("Enter a number ");

**do**

{

a= sc.nextInt(); //5 6 8 9 0

sum=sum+a;

}**while**(a!=0)**;**

***out***.print(sum); 28

}

}

Switch case give a choice to user “A” for addition “s” for subtraction

**import** **static** java.lang.System.***out***;

‘A’🡺char

“A”🡺string

**import** java.util.\*;

**public** **class** Myclass {

**public** **static** **void** main(String[] args) {

String c;

**int** a,b;

a=b=0;

***out***.print("enter choice a:addition\ns:subtraction\n");

Scanner sc=**new** Scanner(System.***in***);

c=sc.next(); //s

**if**("A".equals(c)||"a".equals(c)||"s".equals(c)||"S".equals(c))

{

***out***.print("enter two number");

a=sc.nextInt();//5

b=sc.nextInt();//8

}

**switch**(c)

{

**default** :

***out***.print("enter valid choice");

**break**;

**case** "a":

**case** "A": ***out***.print(a+b);

**break**;

**case** "s":

**case** "S": ***out***.print(a-b); 5-8 //-3

**break**;

}

}

}

Switch case give a choice to user 1 for square 2 cube

import static java.lang.System.out;

import java.util.\*;

public class Main {

public static void main(String[] args) {

String c;

int a,b;

a=b=0;

out.print("enter choice a:addition\ns:subtraction\nE:exit");

Scanner sc=new Scanner(System.in);

c=sc.nextInt();

if(c==1||c==2)

{

out.print("enter two number");

a=sc.nextInt();

b=sc.nextInt();

}

switch(c)

{

default :

out.print("enter valid choice");

break;

case 1: out.print(a+b);

break;

case 2: out.print(a-b);

break;

}

}