Q1. WAP to create a class VOTER with a parameterized constructor through which Pass the name and age of the voter and check weather he is eligible to vote or not and display the message accordingly.

Q2. WAP to create a class STUDENT and count the number of objects created of this class.

Q3. WAP to create a class TABLE and pass a number while creating its object (Parameterized Constructor) and print its table on the call of a method showTable().

Q4. WAP to create a class CALCULATE. Overload a method Perimeter() to take the following inputs and find the Perimeter:

1. 1 input (as a side of a Square)
2. 2 inputs (as 2 sides of a Rectangle)
3. 3 inputs (as 3 sides of a Triangle)

and Calculate its Perimeter and display it through a method showPerimeter().

Q5. WAP to create a class AVG and accept 10 parameters using Command Line Arguments and find the average.

Q6. WAP to accept a number using Command Line Arguments and print its reverse.

Q7. WAP to accept 5 numbers and display the numbers which are greater than the average of those 5 numbers.

**Find the Error**

1. Rectify the code to print the following output:

1

2 2

3 3 3

4 4 4 4

int i,j;

for(i=1; j<=4 ; j++){

    for(j=1; j<=i ; j++){

        System.out.print(“ “+j);

}

System.out.println();

}

2. The Following Code has some error(s). Rewrite the code underlining all the rectifications made.

Int P=3, sum=0

{

    sum=P;

P+=3;

}

while(P=<12)

System.out.printOut(Integer.toString(sum));

3.The Following Code has some error(s). Rewrite the code underlining all the rectifications made.

int Total=0, Jump=5;

int I;

for( i=0; I=< 5; i++)

{

    Jump+=5

Total+=Jump;

}

printf(“ ”+Total);

4. The Following Code has some error(s). Rewrite the code underlining all the rectifications made.

int i=2, j=6;

while j>i

{

    System.out.println(“J is Greater”);

    j-1;

    i=+1;

}

System.out.printf(“Hello now Loop is over”);

5. The Following Code has some error(s). Rewrite the code underlining all the rectifications made.

integer i=2;

for (int j=1; j>=10; j--){

    int answer=i\*j;

    printf( i + “ \* ” + j +” = ”+answer);

}

System.out.println(“Table Printed!”);

6. The Following Code has some error(s). Rewrite the code underlining all the rectifications made.

 public static void main(String[] args) {

    int number == 5;

               integer factorial = number;

               for(int i =(number - 1); i > 1; i--)

               {

                       factorial = FACTORIAL \* i;

               }

              System.print("Factorial of a number is " + factorial);

       }

7. The Following Code has some error(s). Rewrite the code underlining all the rectifications made.

//Perimeter of a polygon

public static int main(String args[]){

int a=Int.parseInt(args[0]);

int b=integer.parseInt(args[1]);

int b=INTEGER.parseINT(args[2]);

int b=int.parseInteger(args[3]);

Int answer=a+b+c+d;

System.in.println(Perimeter is + answer)

}

8. The Following Code has some error(s). Rewrite the code underlining all the rectifications made.

public static void main(String args[]){

    //Reverse a number

    integer reverse=0;

    number=24551;

    while ( number>0 ) {

        reverse==reverse\*10;

        reverse = reverse + (n % 10);

        number/==10;

}

System.printf(“Reverse=”+reverse);

}

9. The Following Code has some error(s). Rewrite the code underlining all the rectifications made.

/\* code to print the following pattern

    \*

    \*\*

    \*\*\*

    \*\*\*\*

    \*\*\*\*\*

\*/

public static float main(String arguments[]){

    integer i,j;

    for( i=1; i<=5; i+=1){

        for( j=1; j<=i; ){

            printf(“\*”);

}

System.out.println();

}

}

10. The Following Code has some error(s). Rewrite the code underlining all the rectifications made.

//Temperature Conversion

public static void main(String arguments[]){

    Float farh=200.5;

    Float celc=**farh - 32\*5/9;**

System.window.println(“F to C=”.celc);

}

10. The Following Code has some error(s). Rewrite the code underlining all the rectifications made.

//Factorial

public static void main(String sicsr[]){

    int number = Integer.parseInteger(sicsr[0]);

    int factorial=1;

    for (int i=1; i < number ; i--){

        factorial\*=i;

}

system.OUT.print(“Factorial=”+fac)

}

11. The Following Code has some error(s). Rewrite the code underlining all the rectifications made.

//Digit to Text Convertor

public static int MAIN(string Arguments[]){

    int digit=Integer.parseInt(Arguments[0]);

    Switching(digit){

        case 1;

        val=”One” ;

        case 2;

        val=”Two”; break;

        case 3;

        val=”Three”; break;

        case 4;

        val=”Four”; break;

        case 5;

        val=”Five”; break;

        case 6;

        val=”Six”; break;

        case 7;

        val=”Seven”; break;

        case 8:

        val=”Eight”; break;

        case 9:

        val=”Nine”; break;

        case 0:

        val=”zero”; break;

        case default:

        val=”Wrong number”;

}

System.out.print(val);

}

12. The Following Code has some error(s). Rewrite the code underlining all the rectifications made.

    //grade calculator

    public static void main(String ar[]){

        Int percent=integer.parseint(ar{0});

    string res;

If (percent>100)

    res=”out of Bounds”

Else if(percent>80)

    res=”A”;

else if(percent>50)

    res=”B”

else if

    res=”fail”;

System.Out.Print(“Result:”. res);

}

13. The Following Code has some error(s). Rewrite the code underlining all the rectifications made.