# QUIZ - 2

**QUESTION - 1**

**Answer:**

import java.util.Scanner;

public class Ques1 {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.print("Enter A Character: ");

char ch = sc.next().charAt(0);

switch(ch){

case 'A':

case 'E':

case 'I':

case 'O':

case 'U':

case 'a':

case 'e':

case 'i':

case 'o':

case 'u':

System.out.println("Vowel");

break;

default:

System.out.println("Not a Vowel");

}

}

**QUESTION – 2**

**Answer:**

import java.util.Scanner;

public class Ques5 {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter 1st Number: ");

int n1 = sc.nextInt();

System.out.println("Enter 2nd Number: ");

int n2 = sc.nextInt();

int fact\_1 = 1, fact\_2 = 1;

for(int i = n1; i >=1; i--){

fact\_1 = fact\_1 \* i;

}

for(int i = n2; i>=1; i--){

fact\_2 = fact\_2 \* i;

}

double cal\_fact = (double)fact\_1/fact\_2;

System.out.println("Calculation of factorials is: "+ cal\_fact);

}

**}**

**QUESTION – 3**

**Answer:**

import java.util.Scanner;

public class Ques6 {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter Number: ");

int n = sc.nextInt();

int sum = 0;

for(int i = 1; i<=10; i++){

sum = sum + (n\*i);

}

System.out.println("Sum of multiplication table of "+ n +" is: "+ sum);

}

}