Java Assignment – 4 (Solutions)

Solution 1 :

public class RightTrianglePattern

{

public static void main(String args[])

{

int i, j, row=6;

for(i=0; i<row; i++)

{

for(j=0; j<=i; j++)

{

System.out.print("\* ");

}

System.out.println();

}

}

}

Solution 2 :

import java.util.Scanner;

public class CheckVowelSwitchcase{

public static void main(String args[]){

char ch;

Scanner scan=new Scanner(System.in);

System.out.println("Enter the Alphabet for check vowel or consonant ");

ch=scan.next().charAt(0);;// store the input from the user

switch(ch){

case 'a':

System.out.println(ch+" is a vowel");

break;

case 'e':

System.out.println(ch+" is a vowel");

break;

case 'i':

System.out.println(ch+" is a vowel");

break;

case 'o':

System.out.println(ch+" is a vowel");

break;

case 'u':

System.out.println(ch+" is a vowel");

break;

case 'A':

System.out.println(ch+" is a vowel");

break;

case 'E':

System.out.println(ch+" is a vowel");

break;

case 'I':

System.out.println(ch+" is a vowel");

break;

case 'O':

System.out.println(ch+" is a vowel");

break;

case 'U':

System.out.println(ch+" is a vowel");

break;

default:

System.out.println(ch+" is a consonant");

break;

}

}

}

Solution 3:

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Solution 4 :

* The program will print 'Kcg College of Technology ’ 5 times .

Solution 5 :

* An infinite loop **occurs when a condition always evaluates to true**. Usually, this is an error.
* the infinite loop **happens when the condition in the while loop always evaluates to true**. This can happen when the variables within the loop aren't updated correctly, or aren't updated at all. Let's say you have a variable that's set to 10 and you want to loop while the value is less than 100.