1. What is the output of the following C program (assume num =1235 )?

#include <stdio.h>

int main()

{

 int num, reverse = 0;

 /\* Input a number from user \*/

 printf("Enter any number to find reverse: ");

 scanf("%d", &num);

 /\* Repeat the till 'num' becomes 0 \*/

 while(num != 0)

 {

 reverse = (reverse \* 10) + (num % 10);

 /\* Remove last digit from 'num' \*/

 num /= 10;

 }

 printf("Reverse = %d", reverse);

 return 0;

}

1. Rewrite the following C code (**for** statement) using **while** statement.

#include <stdio.h>

Int main()

{

 int i, n, sum=0;

/\* Input range to find sum of odd numbers \*/

 printf("Enter upper limit: ");

 scanf("%d", &n);

 /\* Find the sum of all odd number \*/

 for(i=1; i<=n; i+=2)

 {

 sum += i;

 }

 printf("Sum of odd numbers = %d", sum);

 return 0;

}

1. Write a C program to determine the largest number for unknown set of positive numbers.
2. Prompts the user to enter the number of lines to draw a triangle of stars upside down.

