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)

{

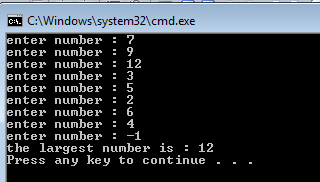
sum += i;

}

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.

