PROGRAM 3:

FACTORIAL WITHOUT USING RECURSION:

#include<stdio.h>

int main()

{

int n,i;

unsigned long long factorial=1;

printf("Enter a number to find factorial: ");

scanf("%d",&n);

if(n<0)

printf("Error!Please enter any postive integer number");

else

{

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

{

factorial\*=i; //factorial=factorial\*i;

}

printf("Factorial of number %d=%llu",n,factorial);

}

}

OUTPUT: