//2,5,10,50,250………………………….

#include<iostream>

using namespace std;

int n=2,a; // here int a is global variable

void series(int x)

{

if(a>0) //which u enter in main function

{

if(n==2)

{

cout<<n;

n=n\*5;

a--;

series(n);

}

else

{

cout<<" "<<n;

n=n\*5;

a--;

series(n);

}

}

}

//////////////////////////////////////

void main()

{

cout<<"Enter the leangth of series "<<endl;

cin>>a; //a is global variable

series(a);

system("pause");

}