2. Write a C program to accept three numbers from the user. Find the greater two among
the three and pass them as parameters to the user defined functions given below.
a. sumaver (…) which finds the sum and average of the two numbers. Print the
sum and return the average.
b. printeven (…) which prints all the even numbers between the given two
numbers

```c
#include <stdio.h>
float sumaver(int,int);

void printeven(int,int);

int main()

{

 int a, b, c;

 float avg;

 printf("Enter the 3 numbers\n");

 scanf("%d%d%d", &a, &b, &c);

 if (a < b)

 {

  if (a < c)

  {

   avg = sumaver(b, c);

   printf("Average is: %f\n", avg);

   printeven(b, c);

  }

  else

  {

   avg = sumaver(b, a);

   printf("Average is: %f\n", avg);

   printeven(b, a);

  }

 }

 else
```

```c
{
  if (b < c)
  {
    avg = sumaver(a, c);
    printf("Average is: %f\n", avg);
    printeven(a, c);
  }
  else
  {
    avg = sumaver(b, a);
    printf("Average is: %f\n", avg);
    printeven(b, a);
  }
}
return 0;
}
float sumaver(int n1,int n2)
{
        printf("\nSum of the Greater 2 Numbers is: %d\n",n1+n2);
        return ((n1+n2)/2.0);
}
void printeven(int n1, int n2)
{
        int first,second,i,flag=0;
        if(n1<n2)
        {
                first=n1;
                second=n2;
        }
```

```c
else
{
    first=n2;
    second=n1;
}
for(i=first+1;i<second;i++)
{
    flag++;
    if(i%2==0)
    printf("\n%d",i);
}
if(flag==1)
printf("\nis the even number between %d & %d",first,second);
else if(flag==0)
printf("\nNo even numbers between %d & %d",first,second);
else
printf("\nare the even numbers between %d & %d",first,second);
}
```

```
Enter the 3 numbers
12
2
34

Sum of the Greater 2 Numbers is: 46
Average is: 23.000000

14
16
18
20
22
24
26
28
30
32
are the even numbers between 12 & 34
--------------------------------
Process exited after 6.409 seconds with return value 0
Press any key to continue . . .
```