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IBMI9CS006

2) Write a C program to accept three numbers from
the user. Find the greater 2 among the 3 and pass
them as parameters to the user defined functions.
a. sumaver (- --) which finds the sum and
average of the 2 numbers. Print the sum
and return the average.
b. printeven (- --) which prints all the even
numbers bet⁹ the given 2 numbers.

```c
# include <stdio.h>
float sumaver (float, float);
void printeven (float, float);
int main ()
{
    int x, y, z, a, b;
    float avg;
    printf (" Enter 3 numbers : \n");
    scanf ("%d %d %d", &x, &y, &z);
    if ( x > y && y > z)
    {
        a = x;
        b = y;
        printf ("In greater two nos are %d and %d\n",
            x, y);
    }
    else if (x < y && x < z)
    {
        a = y;
        b = z;
```

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```c
    printf (" Greater two nos numbe are %d and %d\n",
        y, z );
    }
    else if (x >y && z>y)
    {
        a= x;
        b= z;
        printf (" Greater two nos are %d and %d\n",
            x, z );
    }
    avg = sumaver (a,b);
    printf (" Average = %of \n", avg);
    printeven (a,b);
    return 0;
}
float sumaver ( int a, int b)
                      float    float
{
    printf ("Sum = %d \n", a+b);
    return (a+b)/2.0;
}

void printeven (int a, int b)
{
    int i, c;
    if (a>b)
    {
        for (i=b+1; i<a; i++)
            if (i%2 == 0)
            printf (" Even no : %d \n", i);
```

⑤

```c
        c=1;
    }
}

else if (b>a)
{
    for (i=a+1; i<b; i++)
    {
        if (i%2==0)
        printf ("Even nos: %d\n",i);
        c=1;
    }
}

if (c==0)
printf ("Even numbers don't exist
        between the given numbers\n");
}
```