

#include <stdio.h>

float sumaver (int, int);

void prnteren (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);

prnteren (b, c);

}

else

{

avg = sumaver (b, a);

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

prnteren (b, a);

}

}

else

if (b < c)

{

avg = sumaver (a, c);

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

prnteren (a, c);

}

else

{

avg = sumaver (a, a);

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aver

Code

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```

printf("Average is: %f\n", avg);
printeren(b, a);
}
}

```

```

return 0;

```

```

float sumaver(int n1, int n2)
{

```

```

    printf("\n sum of greater two numbers is: %d\n",
    return ((n1+n2)/2.0);
}

```

```

void printeren(int n1, int n2)
{

```

```

    int initial, final, i, flag = 0;

```

```

    if (n1 < n2)
    {

```

```

        initial = n1;

```

```

        final = n2;

```

```

    }
    else
    {

```

```

        initial = n2;

```

```

        final = n1;
    }

```

```

    for (i = initial + 1; i < final; i++)
    {

```

```

        flag = 1;

```

```

        if (i % 2 == 0)

```

```

            printf("%d\n", i);

```

```

    }

```

```

    if (flag == 1)

```

```

        printf("\n is/are the even numbers between %d & %d",
        initial, final);

```

```

    else

```

```

        printf("\n No even numbers between %d & %d",
        initial, final);

```

```

    }
}

```

Output :-

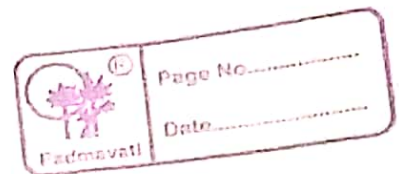
Enter the 3 numbers

8 3 4

Sum of the greater 2 numbers is : 12

Average is : 6.000000

⁶
5 are the even numbers between 4 & 8.



22/9/2022.

```
#include <stdio.h>
```

```
struct student
```

```
{
```

```
int stid;
```

```
int age;
```

```
int marks;
```

```
} s[10];
```

```
int main()
```

```
{
```

```
int i=0, j;
```

```
char ch = 'y';
```

```
printf("mark list will be printed after every student  
has submitted details\n");
```

```
do
```

```
{
```

```
printf("\n taking student % details\n", i+1);
```

```
printf("\n Enter student id\n");
```

```
scanf("%d", &s[i].stid);
```

```
printf("enter Age\n");
```

```
scanf("%d", &s[i].age);
```

```
printf("enter student marks\n");
```

```
scanf("%d", &s[i].marks);
```

```
if(s[i].marks > 100 || s[i].marks < 0)
```

```
{ printf("invalid marks\n");
```

```
printf("re-enter");
```

```
continue;
```

```
}
```

```
i++;
```

```
printf("\n Do you want to enter another student's  
details for admission? (y-yes / Any other character-no)
```



```

    if (ch == 'Y' || ch == 'y') {
        for (j = 0; j < i; j++) {
            if (s[j].age > 20 && s[j].marks > 65)
                printf ("In student id %d Admission approved\n", s[j].stdid);
            else {
                if (s[j].age <= 20 && s[j].marks < 65)
                    printf ("In student id %d : Admission declined\n Reason: Age < 20 & marks < 65\n", s[j].stdid);
                else {
                    if (s[j].age <= 20)
                        printf ("In student id %d admission declined\n Reason: Age < 20\n", s[j].stdid);
                    if (s[j].marks < 65)
                        printf ("In student id %d Admission declined\n Reason: marks < 65\n", s[j].stdid);
                }
            }
        }
        return 0;
    }
}

```