

15/9/20

Ex. no. 2

Week 1

- 2) Write a C program to accept 3 numbers from the user. Find the greater two among the three and pass them as parameters to the user defined functions, a) sumaver b) printeven.

A)

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

```
#include <math.h>
```

```
int main()
```

```
{
```

```
    int a, b, c;
```

```
    float avg;
```

```
    printf("Enter three numbers");
```

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

```
    if (a < b)
```

```
    { if (a < c)
```

```
        { avg = sumaver(b, c);
```

```
        } printf("%f", avg); printeven(b, c);
```

```
    }
```

```
    if (b < a)
```

```
    { if (b < c)
```

```
        { avg = sumaver(a, c);
```

```
        } print printeven(a, c);
```

```
    if (c < a)
```

```
    { if (c < b)
```

```
        { avg = sumaver(a, b);
```

```
        } printeven(a, b);
```

```
    }
```

```

printf("%d\n", avg);
return 0;

```

```

}
float sumavg (int x, int y)
{

```

```

    int sum;
    sum = x + y;
    printf("%d\n", sum);
    return (sum/2);
}

```

```

void printeven (int w, int z)
{

```

```

    if ((w % 2) == 0)
    {
        w = w + 2;
        while (w < z)
        {
            w = w + 2;
            printf("%d\n", w);
        }
    }

```

```

    else
    {
        w = w + 1;
        while (w < z)
        {
            w = w + 1;
            printf("%d\n", w);
        }
    }

```

```

    return 0;
}

```