

06-06-2024

## FUNCTIONS (-):-

- > we may have any number of functions.
- > we may not define functions as the sequence called in the main (-)
- > we can define functions above main (-) also, but program execution starts from ~~the~~ main (-)
- > any function can be called by any other function, even main (-) can be called by any other function
- > A function is called by itself is called "recursion".

Ex:-

```
-> mul (-)
{
    printf ("I'm in mul \n");
}

sub (-)
{
    printf ("I'm in sub \n");
}

add (-)
{
    printf ("I'm in add \n");
}

main (-)
{
    printf ("I'm in main \n");
    add (-);
}
```

```
printf ("I'm back to main \n");
```

```
sub ();
```

```
printf ("I'm back to main \n");
```

```
mul ();
```

```
printf ("I'm back to main \n");
```

```
}
```