Tasks

1. Write simplest C-code i.e. `main(){}`

2. Print sizes of basic data types i.e. char, short, int etc., .. using `sizeof.`

3. Giving custom name to data type like s8, u8, s16 .. using `typedef.`

4. Repeat task 2 for the typedeffed data types of task 3.

5. Use pre-processor directive `#define` to define number of days in the month of March.

6. Use type qualifier `const` to define number of days in the month of March.

7. Make your own data type named `Team_stats`. Member of this structure will come from the following points table.

ICC World Cup 2011 - Group A Points Table

Teams	*Match*	*Won*	*Lost*	*Tied*	*N/R*	*Points*	*Net RR*
Pakistan	6	5	1	0	0	10	+0.758
Sri Lanka	6	4	1	0	1	9	+2.582
Australia	6	4	1	0	1	9	+1.123
New Zealand	6	4	2	0	0	8	+1.135
Zimbabwe	6	2	4	0	0	4	+0.030
Canada	6	1	5	0	0	2	-1.987
Kenya	6	0	6	0	0	0	-3.042

8. Use `typedef` to name the defined structure `Team_stats` to `sTeam_stats`.

9. Make instance of the structure `sTeam_stats` for an instance named Pakistan. Fill the data for Pakistan from the table.

10. Make `enum` list for group A. Let's name it `GroupA.`

11. Use `typedef` to name the defined `eum GroupA` to `eGroupA`.

12. Make a function **`stat_creater_and_filler()`**. It's prototype would look as follows;

```
sTeam_stats stat_creater_and_filler( eGroupA team_name, const int match,
const int won, const int lost, const int tied, const int nr, const int points,
const float net_rr );
```

This function should do the following tasks;

- **a.** Create an instance of **`sTeam_stat`**.
- **b.** Fill it with the passed stats' values.
- **c.** Return the created **`sTeam_stats`** structure.

13. Make a function **`stats_printer()`**. It's prototype would look as follows;

```
void stats_printer(sTeam_stats team);
```

- **a.** This function should print the stats of the team as well as team name.
- **b.** Your output should exactly look like the way it is given in the table.

14. Make a function **`stats_average()`**. It should be able to compute the pool A average of all the stats of the 7 teams.