






PREMIER LEAGUE

		Club	MP	W	D	L	P
1		LIVERPOOL	14	12	2	0	3
2		NEWCASTLE	15	10	2	3	3
3		MAN CITY	15	10	2	3	3
4		TOTTENHAM	15	10	2	3	3

PREMIER LEAGUE STANDING

OUR TEAM

Supervisor

DR: Abdallah Saad

Eng: Mohamed Abdelmged

1- Khaled Ramadan Mohamed

2- Esraa Said Ali

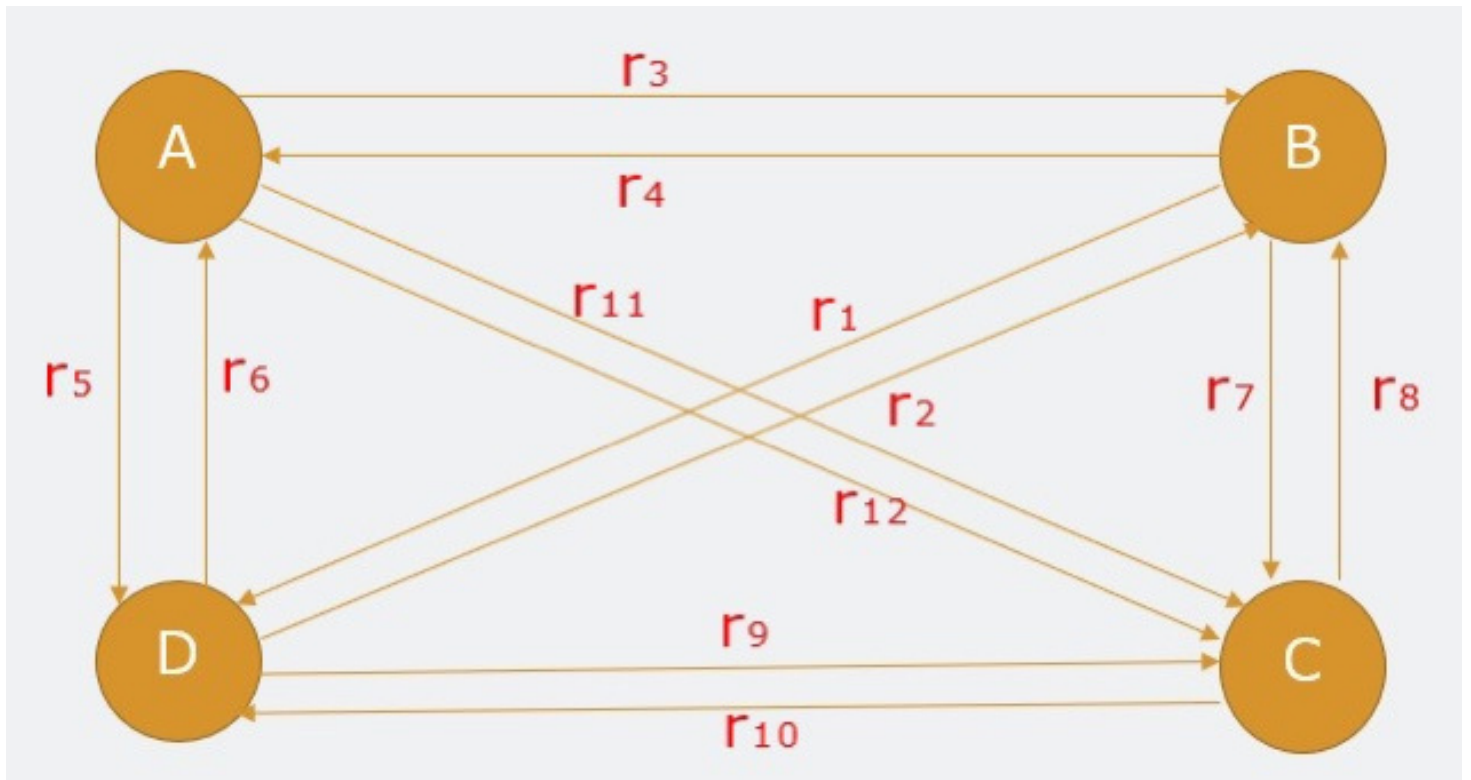
3- Mariam Mohamed Fotouh

4- Karem Taha Abdelfatah

5- Mohamed Hosny Hegazy

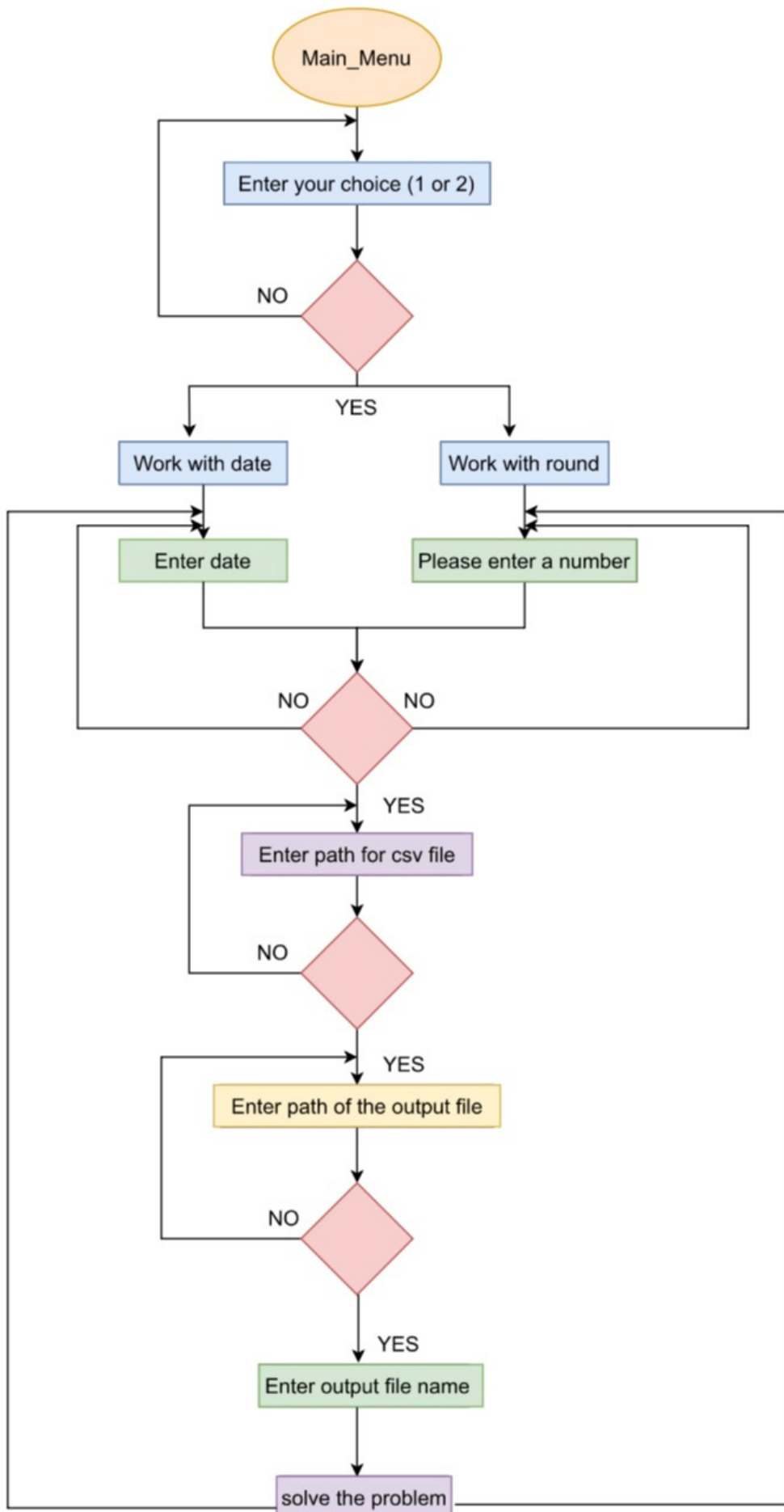
Representation for graph

We have complete graph , there are (rn) on all edges and it means Round , Each round is defined by its data





Flow Chart





Complexity for our functions

Solve : generate csv file and solving the problem and return output

Solution : representation of graph and traversing it and calculation of data

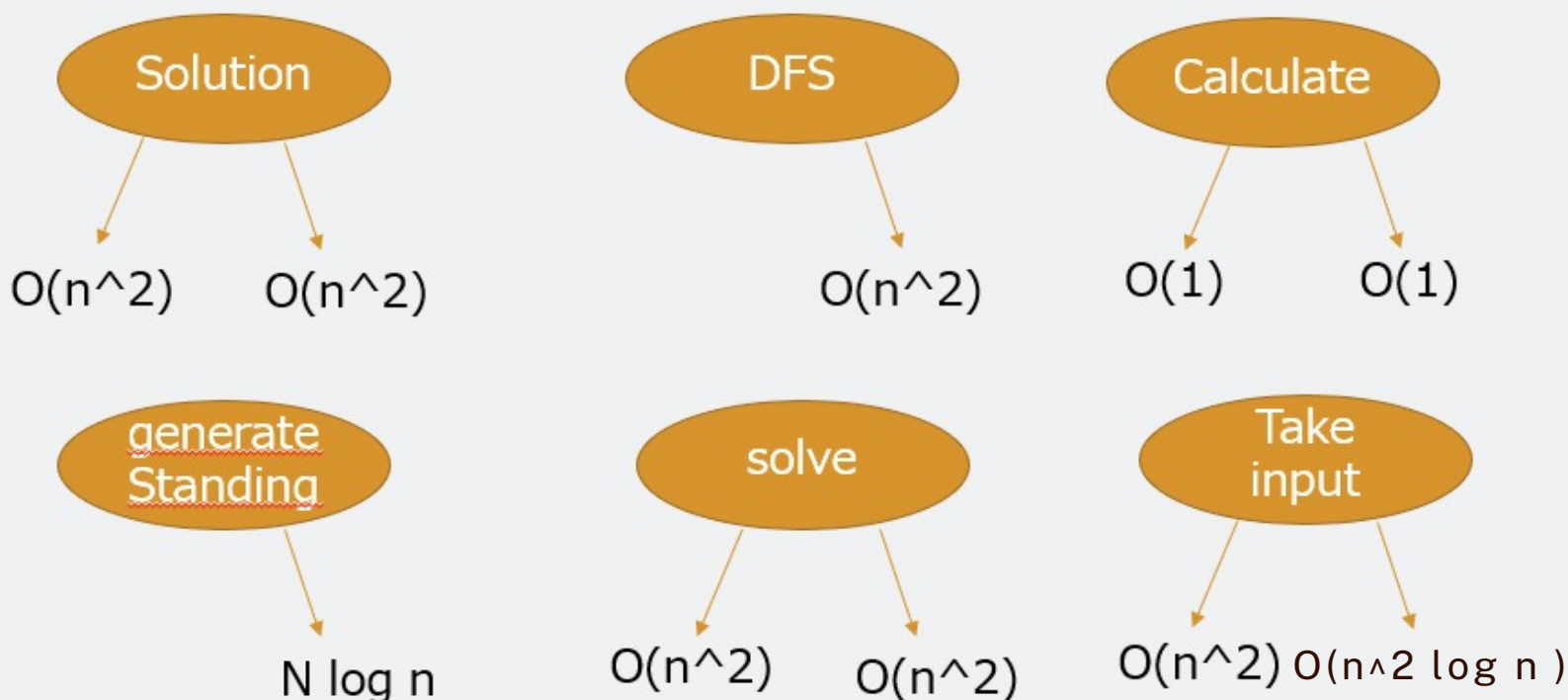
Take input : take input from csv file

Generate standing : Preserves the location of all data if it is modified

Calculate : Calculate who is the winner and who is the loser, or there is a tie

DFS : Traverse over graph and calculate result

we represent time and space complexity
Time (Right) , Space (Left) .



THE END!!!