

I attempted the roulette algorithm but then found it challenging to code as I didn't have a clear understanding of the time of the time. I consider this a failure not because I think if I have not gotten frustrated too soon and stuck to the code, I could have most likely figured it out but rather I just moved to tournament because I thought it was easier.  
Didn't keep my code but some of it was like what sort of ike this.

```
int new_pop;
std::vector<int>cum; //cumulative fitness
double cNum = 0;
double totalF = 0; // total fitness
double prop = 0;
while (new_pop < popsize) {
    //popsize = rand();

    //I was thinking I should calculate cumulative fitness
    //maybe after assign and add the pop score in var totalF

    //then probably the next assign the score to cNum and put into cum vector at index
```