

CS201 Solution of 1 assignment solved enjoy fall 2014

```
#include <iostream>
using namespace std;
main(){
int secretNumber = 0, UpperRange = 0, lowerRange= 0, UserNumber= 0, UserMaxRand=0;

cout<<"My Student ID is 12345"<<endl;
cout<<"please enter the Upper Range"<<":"<<";
cin>>UpperRange;
cout<<"please enter the Lower Range"<<":"<<";
cin>>lowerRange;
cout<<"Computer is calculating a random secret number...";
UserMaxRand=UpperRange-lowerRange;
srand(time(NULL));
secretNumber = rand()%UpperRange+lowerRange;
cout<<"Done!"<<endl<<endl;

cout<<"Please guess the secret number in the range [lower range-Upper Range]: ";
cin>>UserNumber;

if(UserNumber > secretNumber){
cout<<"Ohhh...your entered number not matched...Computer won"<<endl;
}
else if(UserNumber < secretNumber){
cout<<"Oooppssss...your entered number not matched ...Computer won"<<endl;
}
else if(UserNumber == secretNumber) {
cout<<"Wawooooo...Congratulations!! You won"<<endl;
}
else{
cout<<"Invalid Input"<<endl;
}
cout<<"\n\nSecret Number was: "<<secretNumber<<endl<<endl;

system("pause");

}
```