

Author: Jose Temblador
Created: Jan 31, 2021, 3:48pm
Purpose: Project 1

System Libraries

```
#include <iostream> //I/O Library
#include <cstdlib> //Random num gen
#include <iomanip> //Formats output
#include <cmath> //Math library
#include <ctime> //Time Library
#include <fstream> File In/Out Library
```

User Libraries

None

Global Constants

None

Function Prototypes

None

main

Declare all Variables Here
bool ace
string name, winner,dlnrm
float bet
char choice
int hand, dealer, card, a
stream in, out

```
in.open (nameIn,ios::in);
out.open(rsltOut,ios::out);
```

```
grtng=rand()%6+1;
```

Displays custom
greeting

page 2

```
in>>nameIn //Mark
name=nameIn
```

asks for users bet

Displays users'
name

```
card=rand()%10+2;
```

```
if (card==11)
```

True

```
ace=true;
```

```
hand+=card
```

```
card-=10;
```

```
card=rand()%10+2;
```

```
if (card==11)
```

True

```
if ace==true;
```

True

```
ace=true;
```

```
hand+=card
```

```
if (hand==21)
```

True

Page 3

Page 2



