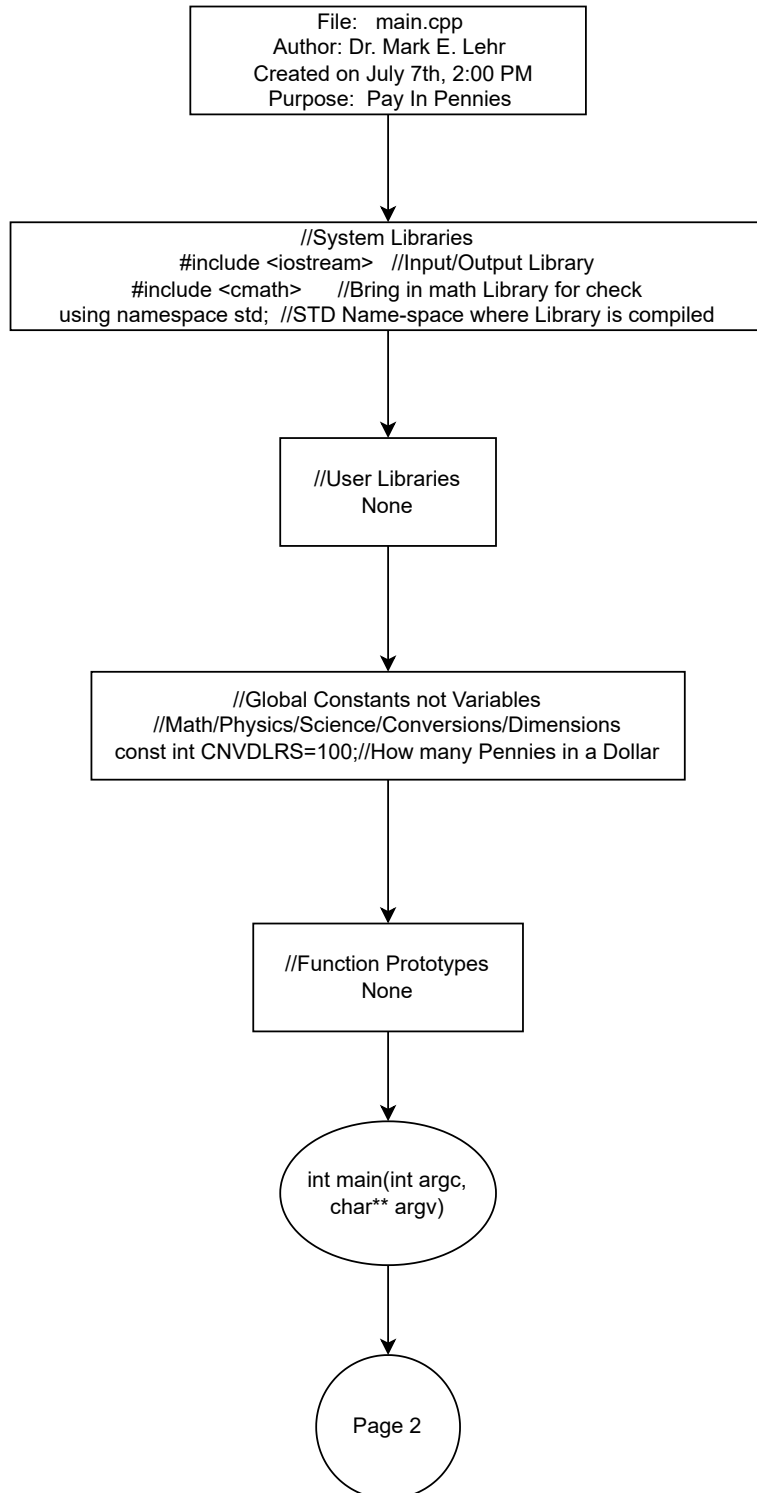


Pay in Pennies Problem



Page 2

//Set random number
seed once here
None

//Declare variables here
unsigned int payPDay, //Pay per day in Pennies
totPay, //Total Pay at the end
hwMnyDy; //How many days we work

int thsMny=1

thsMny<=hwMnyDy

false

return 0;

true

totPay=0; //0 to start
payPDay=1; //1 Penny

int day=1

day++

day<=thsMny

false

totPay+=payPDay; //Add each pay day to the total
payPDay*=2; //Double each pay day

thsMny++

cout<<"Total Pay = \$"<<nDlrs<<'. '
<<(nPnnys<10?"0":"")<<nPnnys<<endl<<endl;

//Output the way Code-e was it formatted
int nDlrs=totPay/CNVDLRS; //Number of Dollars
int nPnnys=totPay%CNVDLRS; //Number of Pennies

//Display the results
cout<<"Pennies Earned = "<<totPay<<" cents"<<endl;
cout<<"Pennies Earned = "<<(pow(2,thsMny)-1)<<" cents"
<<endl;