Skeleton Code Handout for Lab1

Directions: You are to type this code in manually with an editor or using the IDE

```
#include <iostream>
//1. Missing line (that can cause syntax errors in your code!)

class Pascaline
{
public:

//2. Missing line

   //member functions prototypes
   void setRegister1(int);
   void setRegister2(int);
   void setRegisterResult(int);
   int getRegister1();
   int getRegister2();
   int getRegisterResult();
   void clearRegisters();
   void addRegisters();
   void getInputValues();
   void displayOutputValue();


private:

   int register1;
//3. Missing line of code

   int registerResult;

//4. Syntax Error on next line
} //end class Pascaline

//-------------------------------------------
//---Implementation of the member functions
//-------------------------------------------

//Insert Constructor implementation here

//member function to set register1
void Pascaline::setRegister1( int reg1)
{
      register1 = reg1;
}

//member function to set register2
void Pascaline::setRegister2( int reg2)
{
//5. Missing line of code
}
```

```
//member function to set resultRegister
void Pascaline::setRegisterResult( int regResult)
{
   registerResult = regResult;
}

//member function to get the register1 value
int Pascaline::getRegister1()
{
  return(register1);
}

//member function to get the register2 value
int Pascaline::getRegister2()
{
   return(register2);
}

//member function to get the resultRegister value
int Pascaline::getRegisterResult()
{
//6. Missing line of code

}

//Implement clearRegisters() here
//It sets the value of all the registers equal to zero

//Implement addRegisters() here
//It will add register1 and register2 and put result in registerResult

//Implement getInputValues() here
//It will get the input data from the user

//Implement displayOutputValues() here
// It will display the output register and computation to the user

int main()
{

   //Instantiate your main object here
   Pascaline myPascaline;

   //Now call the public member functions to use the object
   myPascaline.getInputValues();
   myPascaline.addRegisters();
//7. Missing line of code


   return 0;

}
```