Pair Programming 1 Turn In

Name: \_\_\_\_\_\_\_\_\_\_\_Matthew Krahel\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Username: \_\_\_\_\_\_C1010B11\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Partner name: \_\_\_\_\_\_\_\_\_ Blake Hodges \_\_\_\_\_\_\_\_\_\_\_\_ Partner username: \_\_\_\_\_C1010B06\_\_\_\_\_\_\_\_\_

\_**X**\_ I certify that my partner did work with me on these pair programming activities. Comment if needed here:

SCORE: \_\_\_\_\_\_\_\_\_\_\_\_ (to be filled in by instructor)

1a (5 points)

/\*

\*File: pp1a.cpp

\*Auther: Blake Hodges, MAtthew Krahel

\*This program gets two integers from the user, adds them and displays the sum

\*/

#include <iostream>

int main()

{

int number1; // 1st and 2nd integers to add

int number2;

int sum; //Sum of number1 and number2

//Get numbers from user

std::cout << "Enter first number: ";

std::cin >> number1;

std::cout << "Enter second number: ";

std::cin >> number2;

//Add numbers and print the sum

sum = number1 + number2;

std::cout << "Sum: "<<sum<<std::endl;

return (0);

}

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/\*

\*File: pp1a.cpp

\*Auther: Blake Hodges, MAtthew Krahel

\*This program gets two integers from the user, subtracts them and displays the difference

\*/

#include <iostream>

int main()

{

int number1; // 1st and 2nd integers to subtract

int number2;

int diff; //Difference of number1 and number2

//Get numbers from user

std::cout << "Enter first number: ";

std::cin >> number1;

std::cout << "Enter sencond number: ";

std::cin >> number2;

//Subract numbers and print the difference

diff = number1 - number2;

std::cout << "Difference: "<<diff<<std::endl;

return (0);

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\*File: pp1a.cpp

\*Author: Blake Hodges, MAtthew Krahel

\*This program gets two integers from the user, multiply them and displays the product

\*/

#include <iostream>

int main()

{

int number1; // 1st and 2nd integers to multiply

int number2;

int product; //product of number1 and number2

//Get numbers from user

std::cout << "Enter first number: ";

std::cin >> number1;

std::cout << "Enter second number: ";

std::cin >> number2;

//Multiply numbers and print the product

product = number1 \* number2;

std::cout << "Product: "<<product<<std::endl;

return (0);

}

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\*File: pp1a.cpp

\*Auther: Blake Hodges, MAtthew Krahel

\*This program gets two integers from the user, divides them and displays the quotient

\*/

#include <iostream>

int main()

{

int number1; // 1st and 2nd integers to divide

int number2;

int quotient; //quotient of number1 and number2

//Get numbers from user

std::cout << "Enter first number: ";

std::cin >> number1;

std::cout << "Enter second number: ";

std::cin >> number2;

//divide numbers and print the quotient

quotient = number1 / number2;

std::cout << "quotient: "<<quotient<<std::endl;

return (0);

}

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/\*

\*File: pp1a.cpp

\*Auther: Blake Hodges, MAtthew Krahel

\*This program gets two integers from the user, divides them and displays the quotient

\*/

#include <iostream>

int main()

{

double number1; // 1st and 2nd integers to divide

double number2;

double quotient; //quotient of number1 and number2

//Get numbers from user

std::cout << "Enter first number: ";

std::cin >> number1;

std::cout << "Enter second number: ";

std::cin >> number2;

//divide numbers and print the quotient

quotient = number1 / number2;

std::cout << "quotient: "<<quotient<<std::endl;

return (0);

}

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/\*

\*File: pp1a.cpp

\*Auther: Blake Hodges, MAtthew Krahel

\*This program gets two integers from the user, multiply them and displays the product

\*/

#include <iostream>

int main()

{

double number1; // 1st and 2nd integers to multiply

double number2;

double product; //product of number1 and number2

//Get numbers from user

std::cout << "Enter first number: ";

std::cin >> number1;

std::cout << "Enter second number: ";

std::cin >> number2;

//multiply numbers and print the product

product = number1 \* number2;

std::cout << "product: "<<product<<std::endl;

return (0);

}Text

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/\*

\*File: pp1a.cpp

\*Auther: Blake Hodges, MAtthew Krahel

\*This program gets two integers from the user, subtract them and displays the difference

\*/

#include <iostream>

int main()

{

double number1; // 1st and 2nd integers to subtract

double number2;

double difference; //difference of number1 and number2

//Get numbers from user

std::cout << "Enter first number: ";

std::cin >> number1;

std::cout << "Enter second number: ";

std::cin >> number2;

//subtract numbers and print the difference

difference = number1 - number2;

std::cout << "difference: "<<difference<<std::endl;

return (0);

}

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/\*

\*File: pp1a.cpp

\*Auther: Blake Hodges, MAtthew Krahel

\*This program gets two integers from the user, adds them and displays the sum

\*/

#include <iostream>

int main()

{

double number1; // 1st and 2nd integers to add

double number2;

double sum; //sum of number1 and number2

//Get numbers from user

std::cout << "Enter first number: ";

std::cin >> number1;

std::cout << "Enter second number: ";

std::cin >> number2;

//adds numbers and print the sum

sum = number1 + number2;

std::cout << "sum: "<<sum<<std::endl;

return (0);

}

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1b (5 points)

**[PASTE CODE FOR PAIR PROGRAMMING 1B HERE – NOT A SCREEN SHOT. DOWNLOAD pp1b.cpp, OPEN IT WITH A TEXT EDITOR LIKE NOTEPAD++ OR WORDPAD, COPY THE CODE, PASTE IT HERE. MAKE SURE IT IS SINGLE SPACED AND USE A COURIER NEW FONT]**

**[PASTE THE SCREEN SHOT OF THE TESTS WITH A WHITE BACKGROUND FOR PAIR PROGRAMMIG 1B HERE]**

/\*

\*File: pp1b.cpp

\*Auther: Blake Hodges, MAtthew Krahel

\*This program gets mass in Kg and acceleration m/s^2 from the user, then calculates force in Newtons

\*/

#include <iostream>

int main()

{

double mass; // Mass in Kg

double accel; // Acceleration in m/s^2

double force; //product of mass and acceleration

//Get numbers from user

std::cout << "Enter Mass in Kg: ";

std::cin >> mass;

std::cout << "Enter Acceleration in m/s^2: ";

std::cin >> accel;

//multiply variables and print the product

force = mass \* accel;

std::cout << "Force : "<<force<< “ Newtons”<<std::endl;

return (0);

}

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