/\* Lab 6

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\* Course: COP2334

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#include <iostream>

using namespace std;

// Lab part 1

int NedStark();

double CerseiLannister(int num1, int num2);

int TyrionLannister(double &num1, int num2, int num3);

char AryaStark();

double JonSnow(char &num1, int &num2, double &num3);

// -----------------------------------------------------

// Lab part 2

int getHighest(int a, int b, int c);

int getLowest(int a, int b, int c);

int getMiddle(int a, int b, int c);

int main ()

{

int a;

int b;

int c;

using namespace std;

cout << "Please input 3 different numbers separated by spaces \n";

cin >> a >> b >> c;

cout << "The highest number is " << getHighest(a, b, c) << endl

<< "The lowest number is " << getLowest(a, b, c) << endl

<< "The middle number is " << getMiddle(a, b, c) << endl;

return 0;

}

int getHighest(int a, int b, int c)

// This function returns highest

{

int highest;

if ((a > b) && (a > c))

highest = a;

else if ((b > a) && (b >c))

highest = b;

else

highest = c;

return highest;

}

int getLowest(int a, int b, int c)

// This function returns lowest

{

int lowest;

if ((a < b) && (a < c))

lowest = a;

else if ((b < a) && (b < c))

lowest = b;

else

lowest = c;

return lowest;

}

int getMiddle(int a, int b, int c)

// This function returns middle

{

int middle;

if (((a > b) && (a < c)) || ((b > a) && (a > c)))

middle = a;

else if (((b > a) && (b < c)) || ((b < a) && (b > c)))

middle = b;

else

middle = c;

return middle;

}