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1. F

Functions facilitate resusablity which is one of the objectives of programming

2. The error is on line 4 when declaring the function ‘grade’. The student stated the data type of the argument of the function but forgot to give it variable names. So the correct way to do it will be:-

char grade (int r, int min);

3.

#include <iostream>

using namespace std;

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

int main() {

int sum = sumation(10, 15, 8);

cout<<sum;

}

int sumation(int a, int b, int c) {

return a + b + c;

}

4.

#include <iostream>

using namespace std;

double findAverage(int a, double b);

int main() {

double result = findAverage(10, 9.8);

cout << result;

}

double findAverage(int a, double b) {

double sum = a + b;

double average = sum / 2;

return average;

}

5.

#include <iostream>

using namespace std;

char isPostive(double n);

int main() {

cout << isPostive(5);

}

char isPostive(double n) {

if (n > 0) {

return 'P';

} else {

return 'N';

}

}

6.

#include <iostream>

using namespace std;

int inverse(int n);

bool palindrome(int original, int reversed);

int main() {

int number;

cout<<"Enter an integer:\n";

cin >> number;

cout<<"The inverse of the number is " << inverse(number)<<endl;

if(palindrome(number, inverse(number))){

cout<<"The number is palindrome";

}else{

cout<<"The number is not palindrome";

}

}

int inverse(int n) {

int reversedNumber = 0, remainder;

while(n!=0) {

remainder = n%10;

reversedNumber = reversedNumber \* 10 + remainder;

n /= 10;

}

return reversedNumber;

}

bool palindrome(int o, int r){

if (o == r) {

return true;

} else {

return false;

}

}