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HW#4.1

String my_first_name, my_last_name; (creates string variables my_first_name and my_last_name)

My_first_name = “Sukanya”; (assigns string “Sukanya” to My_first_name)

My_last_name = “Manna”; (assigns string “Manna” to My_last_name)

String my_name = my_first_name + my_last_name; (assigns my_name to “SukanyaManna”)

Cout<< “My name is: ” <<my_name<<endl; (outputs “My name is SukanyaManna” on the display)

Int lenth = my_name.size(); (returns the number of elements in the string array my_name in the integer length)

Length = my_name.length(); (returns the number of characters/ the length of the string my_name and reassigns it to the integer variable length)

Cout<< “Length of my name is (using size()) : ”<<length<<endl; (outputs the size of string array “SukanyaManna” through the variable length)

Cout<< “Length of my name is (using length()) : ”<<length<<endl; (outputs the length of string “SukanyaManna” through the variable length)

Char ch = my_name.at(0); (initializes the char variable ch and assigns the first index of the string my_name to it, which is S)

Cout<< “Character at first position of my name is (first way) : ”<<ch<<endl; (outputs “Character at first position of my name is (first way): S” since S is the first index for my_name and the value of ch)

Ch = my_name[0]; (reassigns the char variable to the first index of the string my_name, causing no difference in the value of ch)

Cout<< “Character at first position of my name is (second way) : ”<<ch<<endl; (outputs “Character at first position of my name is (second way): S” since S is the first index for my_name and still the value of ch)

Return 0; (ends the program)