





Select a wizard

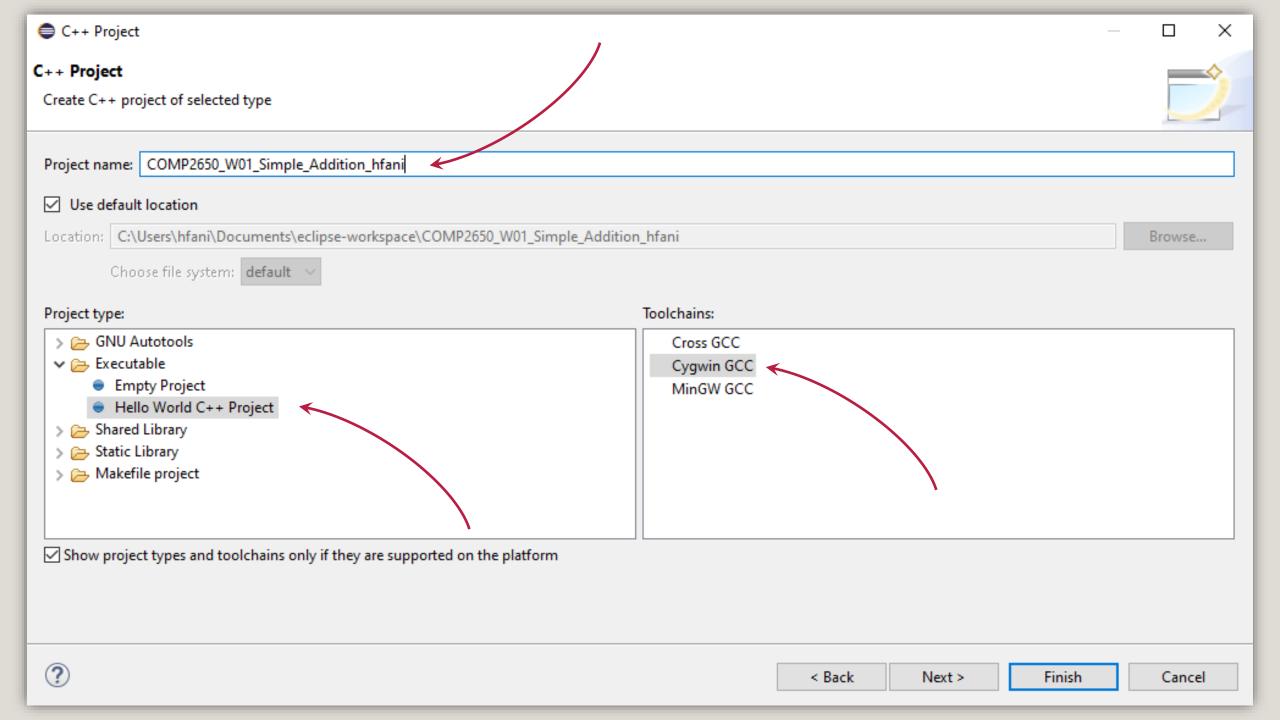
Create a new C++ project

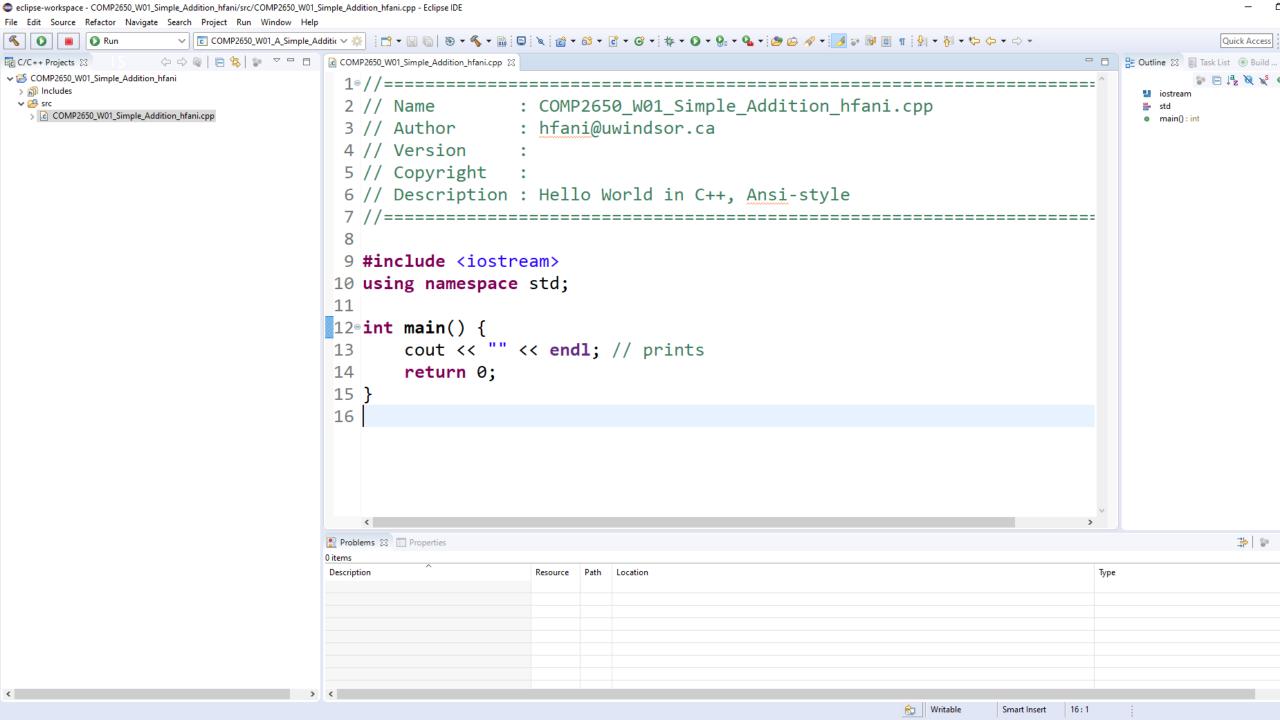


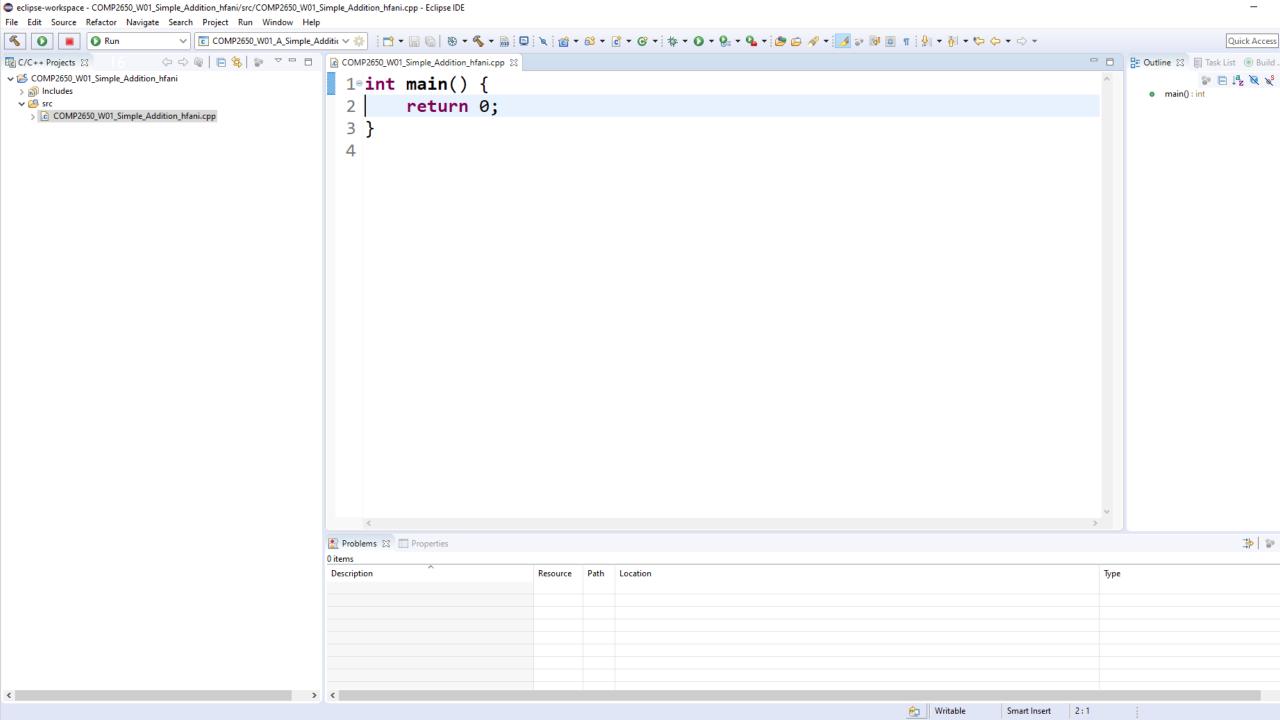
Wizards:

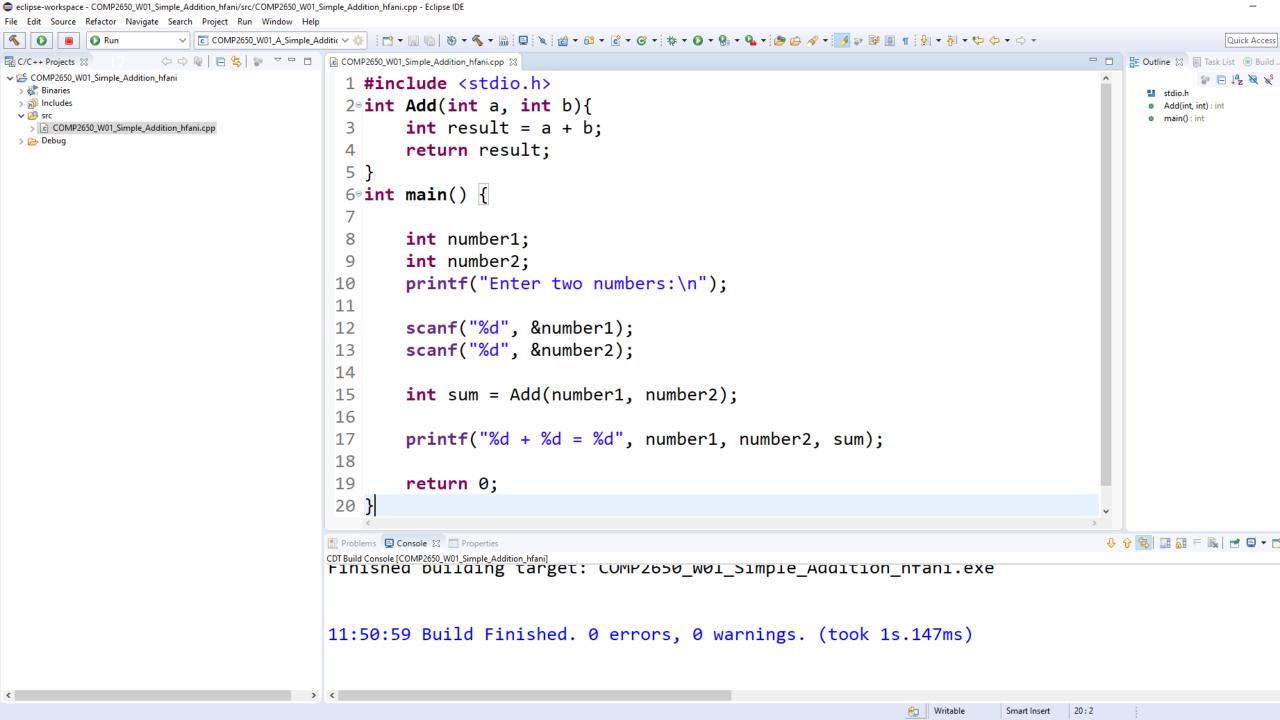
type filter text

- > 🗁 General
- - Arduino Project
 - C Project
 - C/C++ Project
 - C++ Project
 - Makefile Project with Existing Code
- > 🗁 RPM
- > 🗁 Tracing
- > 📂 Examples









듄

A St no. Mark Name and Name in Street St.

```
2 int Add(int a, int b){
3   int result = a + b;
4   return result;
5 }
```

. . . .

printf("betar bus numbers: \x");

int sum + Add(number1, number2);

printf("M + M + M", number), number), sum);

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13:58:59 Bulld Finished. 8 errors, 8 warnings. (took is.147es).

-

scanf("M", Brumber1); scanf("M", Brumber2);

1 Winclude cutding. htt

(at number);

return \$1

```
10
```

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th the name of the case of the case of

```
int sum = Add(number1, number2);
int sum = Add(number1, number2);
int sum = Add(number1, number2);
```

12:58:59 Bulld Finished. 8 errors, 8 servings. (took 1s.567es)

M x M*, number1, number1, sum);

. ...

1. Winclude 195859. No.

irint main() (

.,

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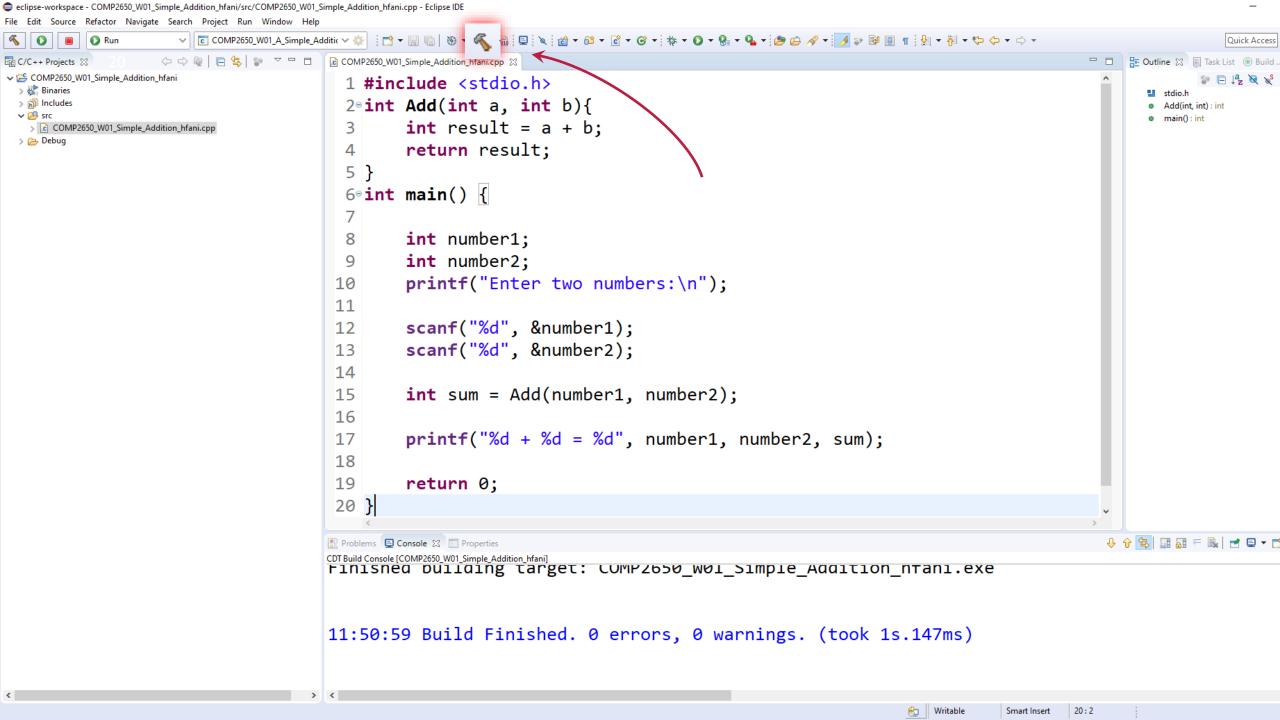
return result;

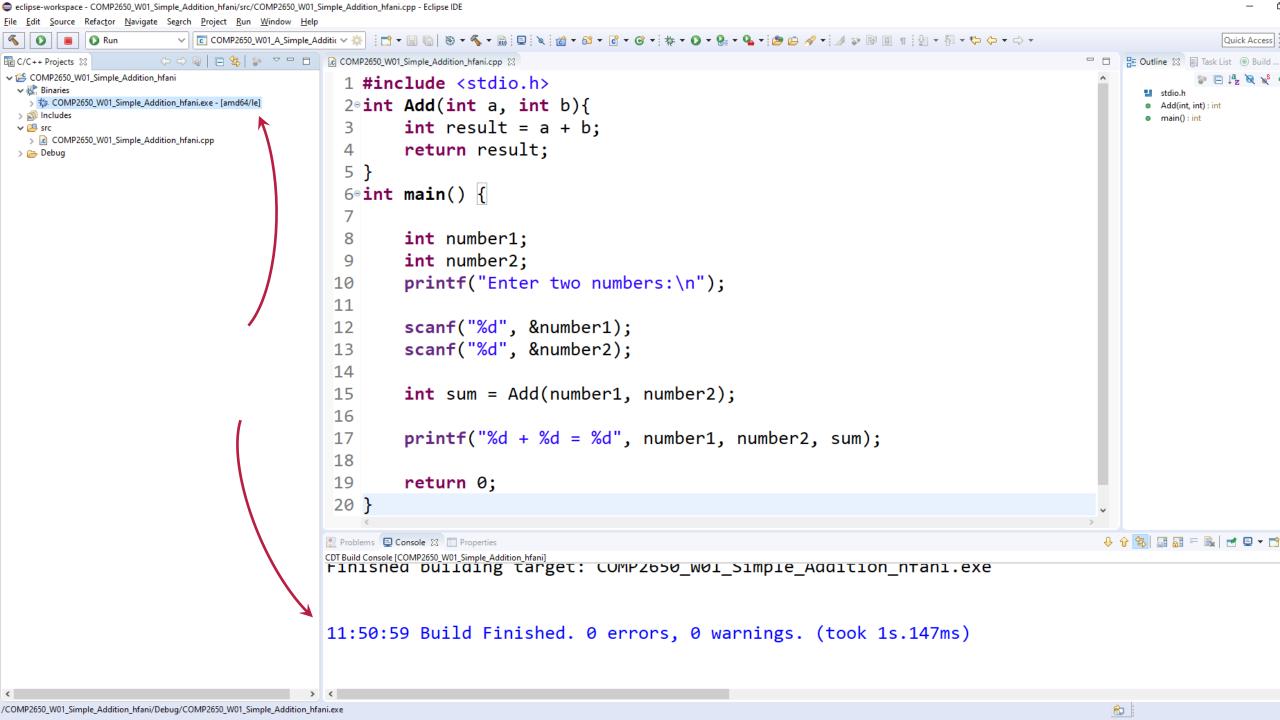
Let number:

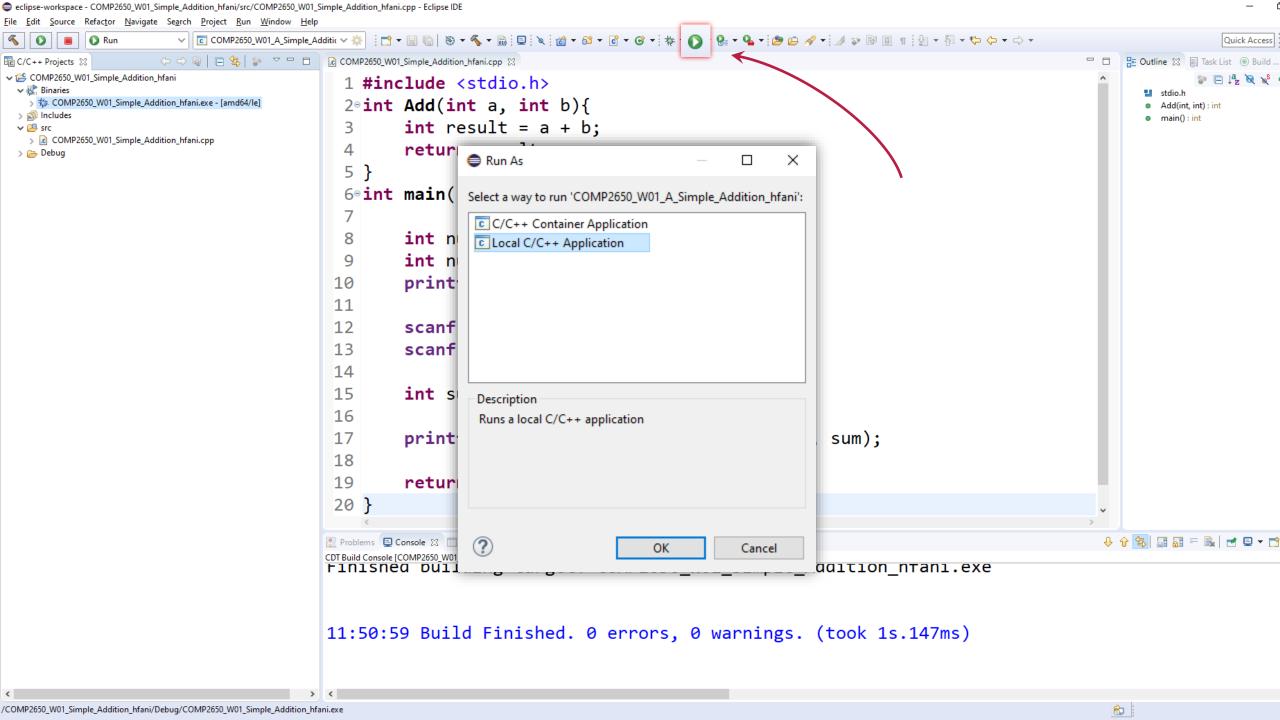
return \$1

pet result - a - h;

scarf("M", Brumbert);







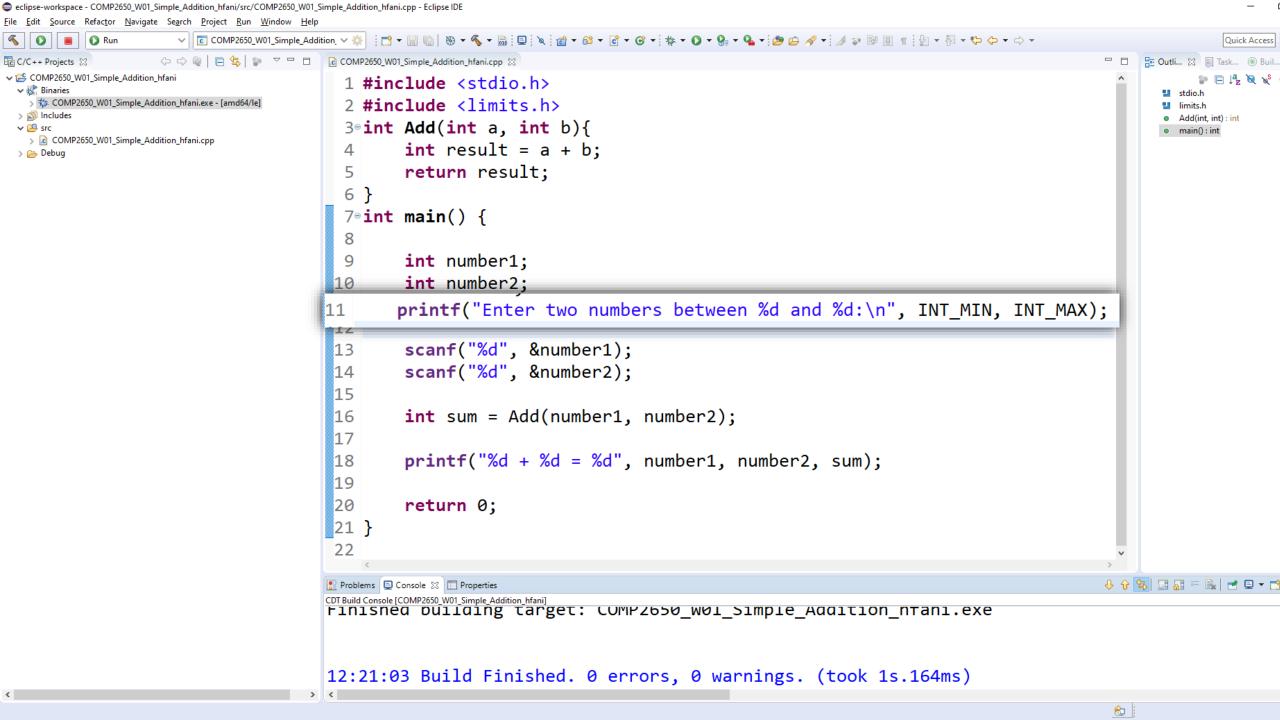




Enter two integers: 999999999999999

```
Enter two integers:
99999999999999
-1530494977 + 1 = -1530494976
```

```
Enter two integers:
999999999999999
-1530494977 + 1 = -1530494976
```



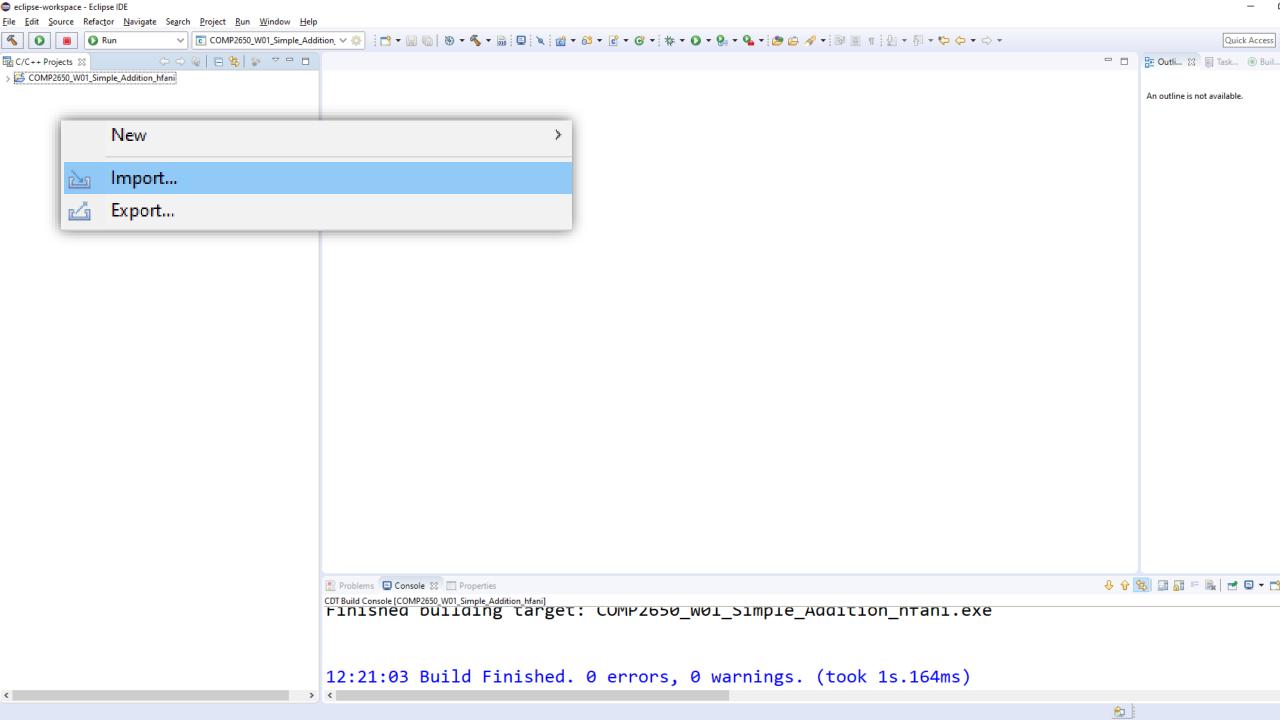


Enter two integers between -2147483648 and 2147483647: 2147483647

```
Enter two integers between -2147483648 and 2147483647:
2147483647
2147483647 + 1 = -2147483648
```

```
Enter two integers between -2147483648 and 2147483647:
2147483647
2147483647 + 2 = -214748364<mark>7</mark>
```

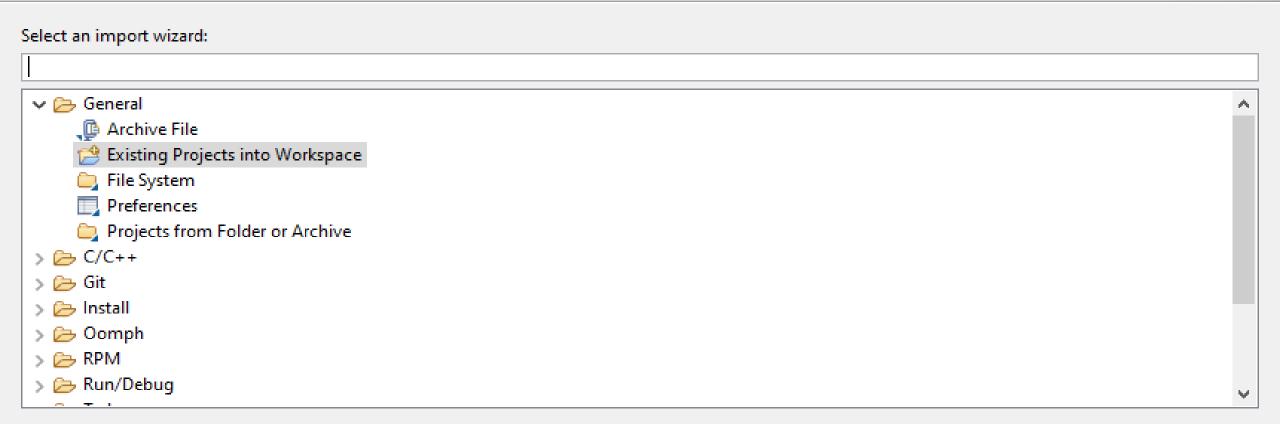
```
Enter two integers:
2147483647
2147483647 + 1 = <mark>2147483648</mark>
```



Select

Create new projects from an archive file or directory.





Import					_		×
mport Projects							
Select a directory to sear	h for existing Eclipse projects.						
Select root directory:	C:\Users\hfani\Documents\eclipse-workspace\COMP2650_W01_Lar	ge Addition hfani			~	Brows	e
Select archive file:		3				Brows	
Projects:							
COMP2650_W01_Large_Addition_hfani (C:\Users\hfani\Documents\eclipse-workspace\COMP2650_W01_Large_Addition_hfani)						Select	All
						Deselec	t All
						Refre	sh
Options							
Search for nested pro	iects						
Copy projects into w	orkspace						
Close newly imported	projects upon completion						
Hide projects that alr	eady exist in the workspace						
Working sets							
Add project to work	ng sets					New	
Working sets:					V	Select	
?			< Back	Next >	Finish	Canc	el

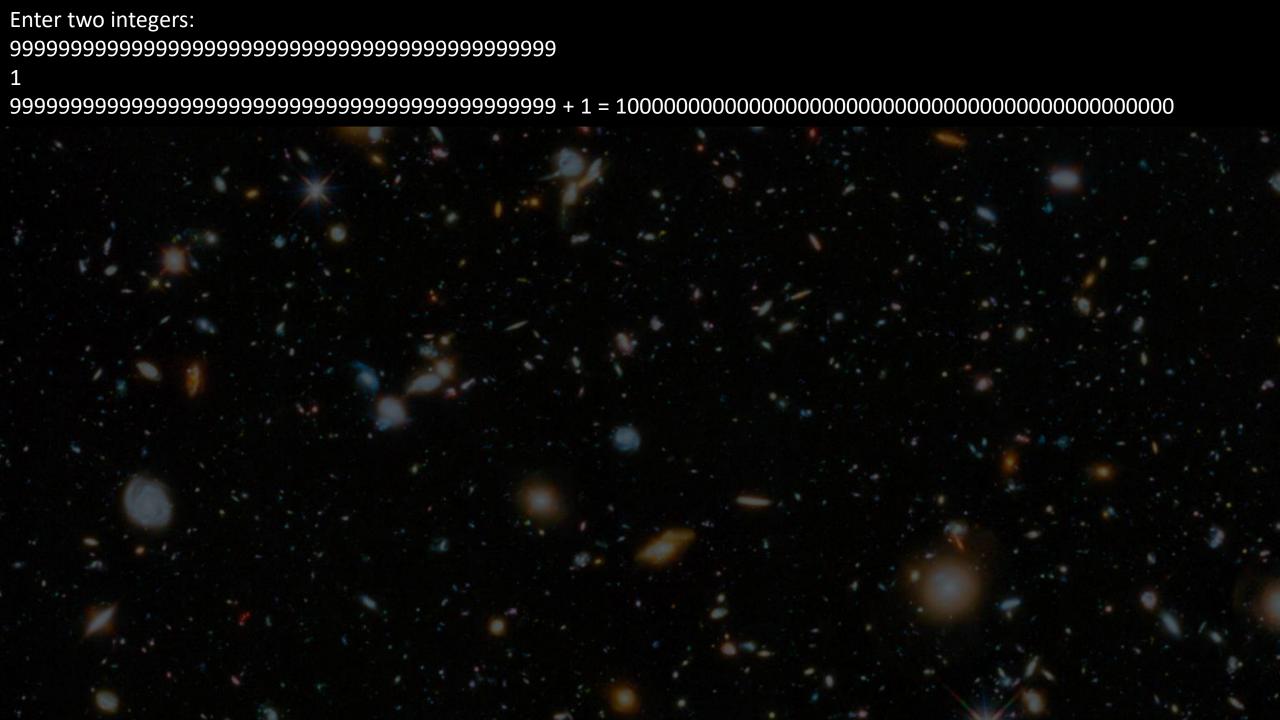
10//Chitra Nayal, Mithun Kumar, Shivam Kushik, 04-06-2019, Sum of two large numbers 2 //Retrieved from https://www.geeksforgeeks.org/sum-two-large-numbers/

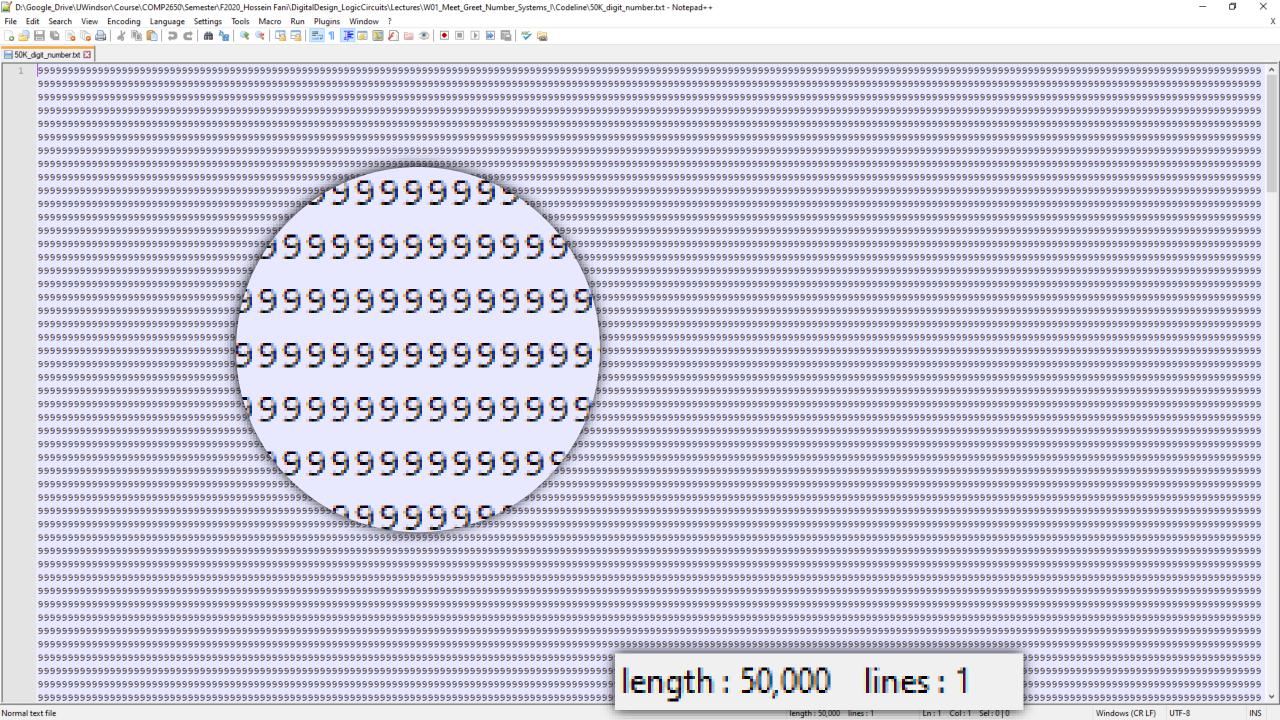
```
int carry = 0;
for (int i = 0; i < n1; i++) {
    // Do school mathematics, compute sum of current digits and car
int sum = ((a[i] - '0') + (b[i] - '0') + carry);
    result.push_back(sum % 10 + '0');
    // Calculate carry for next step
    carry = sum / 10;
}</pre>
```

decutring a, string b) ()

1:7/Chitra Nayal, Rithun Kamar, Shivan Kushik, 84-86-361K, Sun of two large numbers

```
Enter two integers:
2147483647
2147483647 + 1 = <mark>2147483648</mark>
```







```
Enter two integers:
999...99999 => 50,000 digits
999...99999 => 50,000 digits
999...99999 + 999...99999 = <mark>1</mark>999 ... 999<mark>8</mark> => 50,001 digits
```

```
Enter two integers:
999...99999 => 50,000 digits
999...99999 => 50,000 digits
999...99999 + 999...99999 = <mark>1</mark>999 ... 999<mark>8</mark> => 50,001 digits
Total time = ?
```

```
Enter two integers:

999...99999 => 50,000 digits

999...99999 => 50,000 digits

999...99999 + 999...99999 = 1999 ... 9998 => 50,001 digits

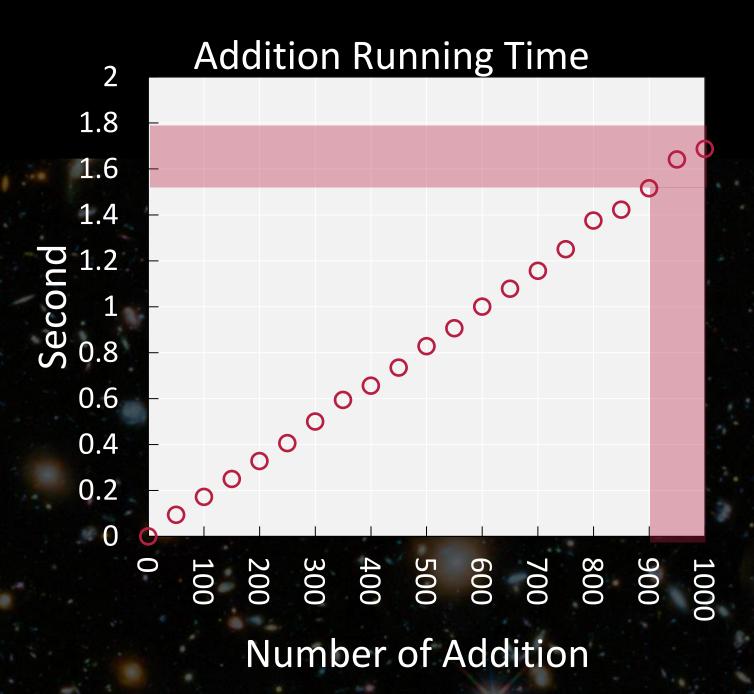
Total time = 0.000000
```

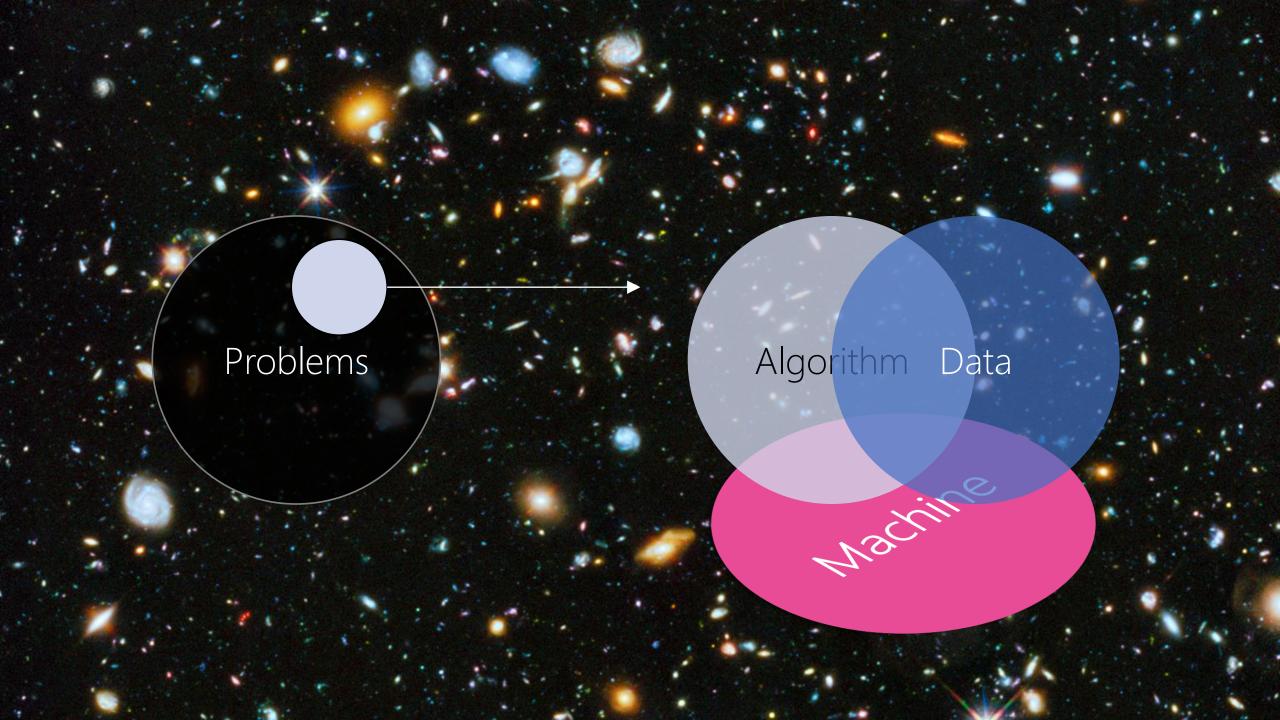
```
Enter two integers:
999...99999 => 50,000 digits
999...99999 => 50,000 digits
How many iterations:
Total time = ?
```



Enter two integers: 999...99999 => 50,000 digits 999...99999 => 50,000 digits How many iterations: 1 Total time = 0.000000 Enter two integers:
999...99999 => 50,000 digits
999...99999 => 50,000 digits
How many iterations:
100
Total time = ?

Enter two integers: 999...99999 => 50,000 digits 999...99999 => 50,000 digits How many iterations: 1,2,3,...,900,..., 1000 Total time =





Database Management Sys. Algorithm Design Artificial Intelligence (AI) DataStructure Algorithm Analysis FileStructure Machine Learning Data Warehouse Data Mining Big Data Alga Data Cloud Vaccille

Digital Design (Logic Circuits)

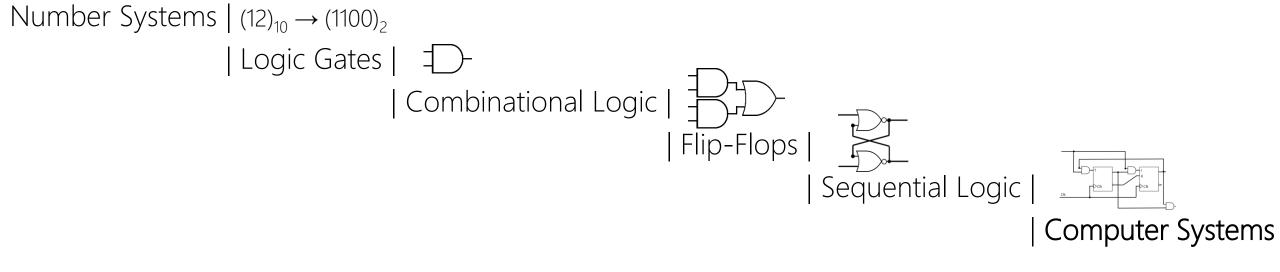
Computer Architecture

Microprocessor Programming

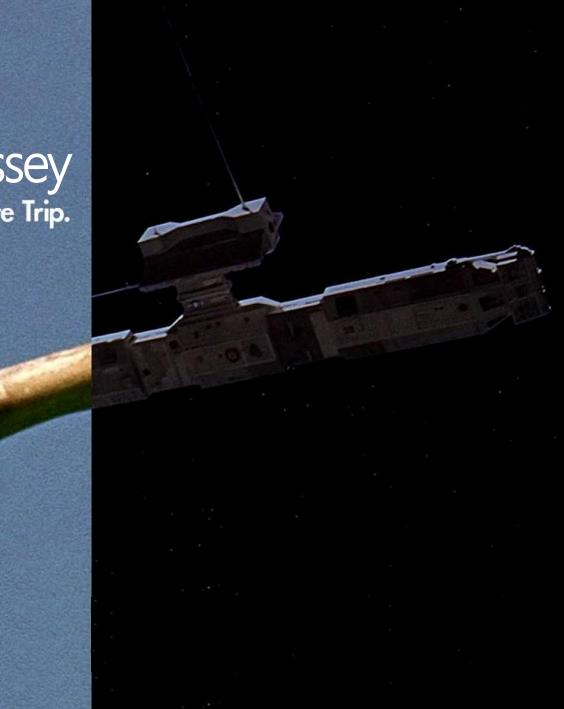


Digital Design (Logic Circuits)
Computer Architecture
Microprocessor Programming

Number Systems $| (12)_{10} \rightarrow (1100)_2$

Number Systems $| (12)_{10} \rightarrow (1100)_2$ $| Logic Gates | \bot$ 





Lecture Lab
Assignments Assignments
20% 20%

015CUSSIO 803KO ×5010 Midterm Exam 30%

Final Exam 30%

BLACKBOARD TOUR

Lectures → How To Find → <u>Blackboard Tutorial Video 1: Course Homepage Tour</u>

LEARNING OUTCOME aka. Learning Objectives

Learning Outcome → Learning_Outcome.pdf

COURSE OUTLINE aka. Course Syllabus

Outline (Syllabus) \rightarrow Course Outline.pdf

LABORATORY GUIDE aka. Lab Manual

Labs → <u>Laboratory Guide.pdf</u>

LABROOM aka. Laboratory

Labs → How to Attend Lab Sections

DISCUSSION BOARD

Lectures \rightarrow How To Find \rightarrow How to Participate in Discussion Board



OFFICE

Tuesday – Thursday 11:30 AM – 12:30 PM

