

# Computer System Programming

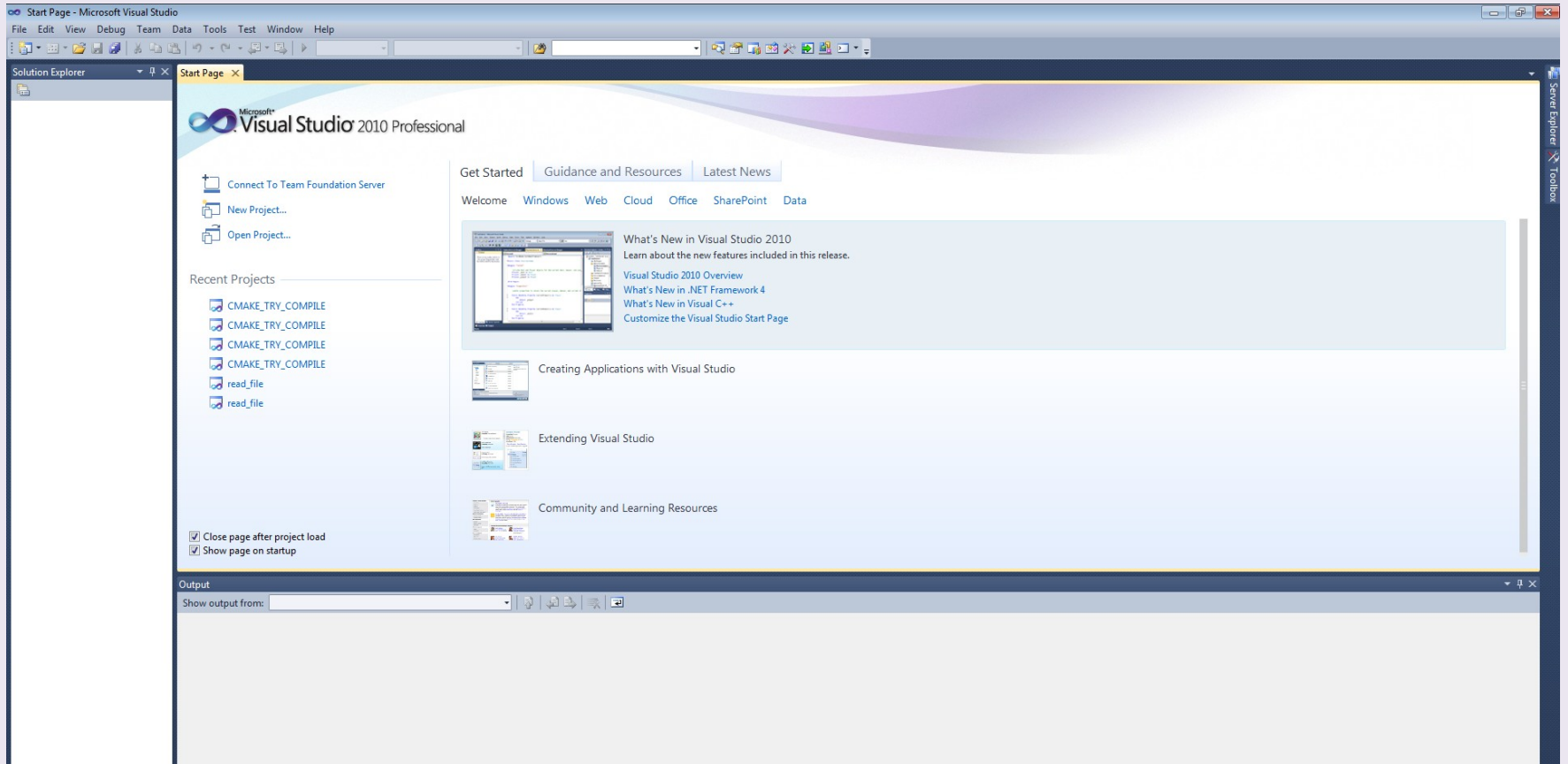
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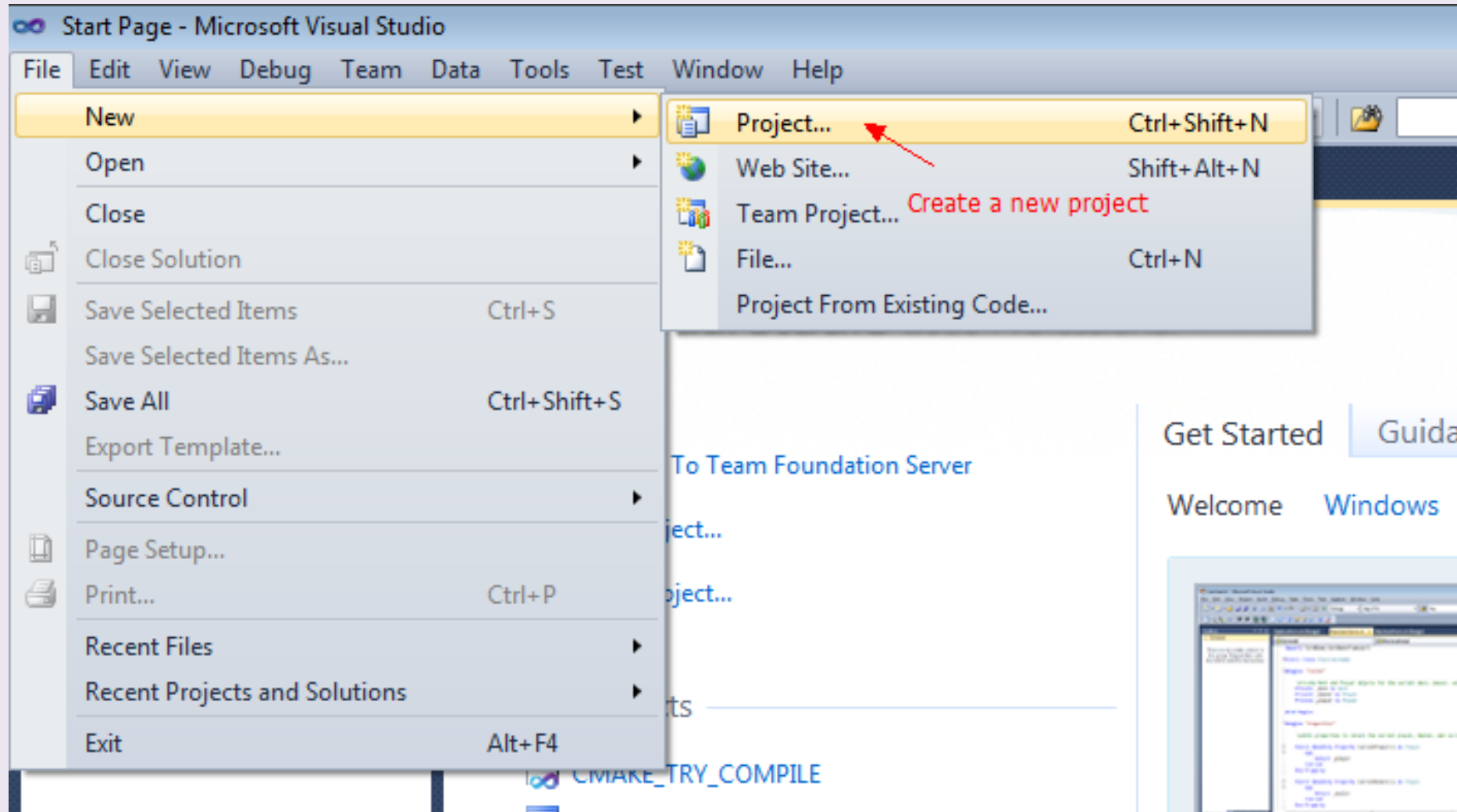
ABU DHABI

## How to set up “hello world”

# Open Visual Studio



# Create a new project



# New Project

## Recent Templates

## Installed Templates

### Visual C++

ATL

CLR

General

MFC

Test

Win32

Other Languages

Other Project Types

Database

Test Projects

## Online Templates

.NET Framework 4

Sort by: Default



Search Installed Templates



Win32 Console Application

Visual C++



MFC Application

Visual C++



Win32 Project

Visual C++



Empty Project

Visual C++



ATL Project

Visual C++



MFC DLL

Visual C++



Windows Forms Application

Visual C++



CLR Console Application

Visual C++



CLR Empty Project

Visual C++



Class Library

Visual C++



Custom Wizard

Visual C++

Type: Visual C++

A project for creating a Win32 console application

input project name

Name:

helloworld

Location:

c:\users\mj1555\documents\visual studio 2010\Projects

Browse...

Solution name:

helloworld

☒ Create directory for solution

☐ Add to source control

OK

Cancel



## Welcome to the Win32 Application Wizard

Overview

Application Settings

These are the current project settings:

- Console application

Click **Finish** from any window to accept the current settings.

After you create the project, see the project's readme.txt file for information about the project features and files that are generated.

next

< Previous

Next >

Finish

Cancel



## Application Settings

Overview

Application Settings

Application type:

- ☐ Windows application
- ☒ Console application
- ☐ DLL
- ☐ Static library

Add common header files for:

- ☐ ATL
- ☐ MFC

Additional options:

- ☒ Empy project
- ☐ Export symbols
- ☐ Precompiled header

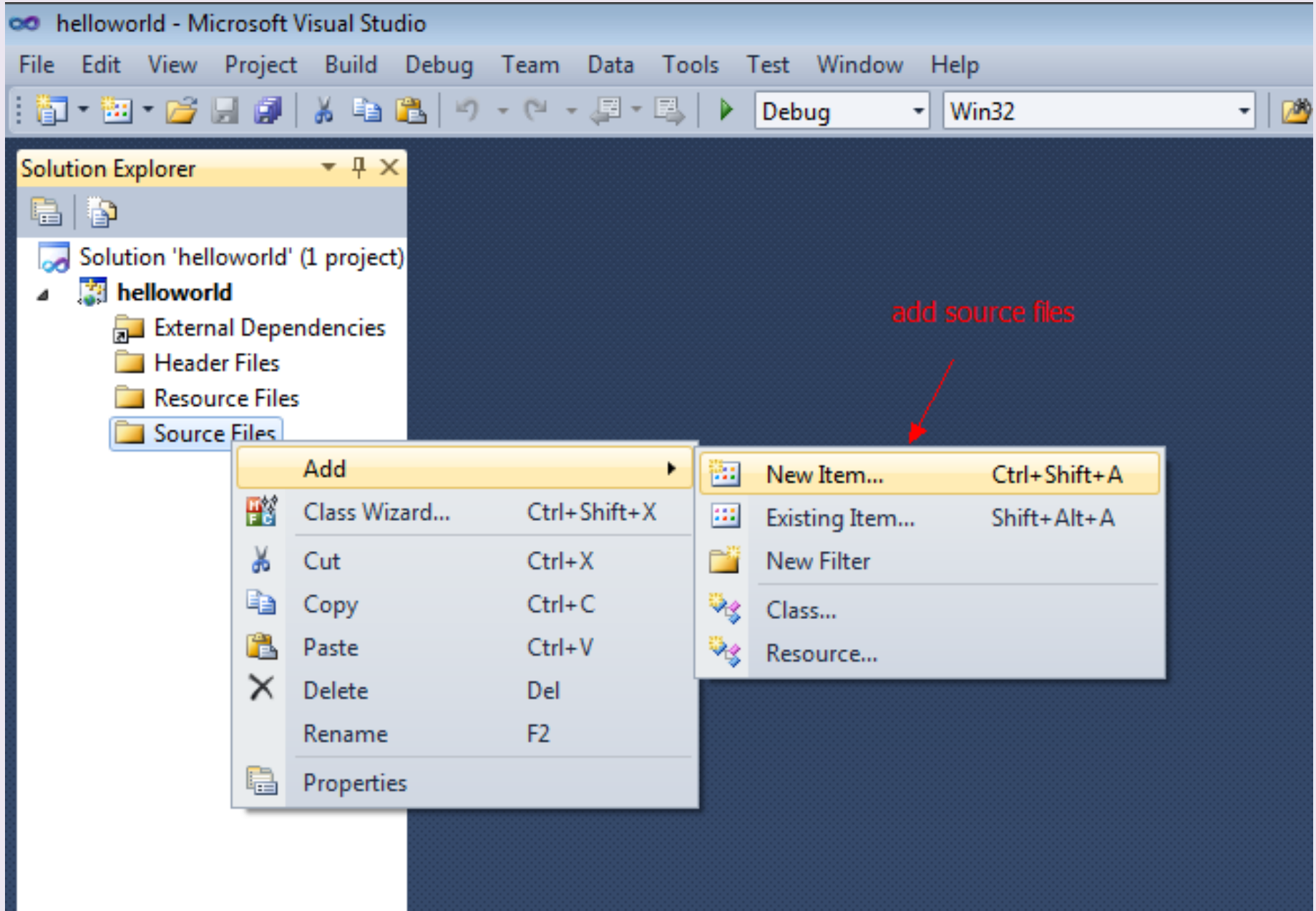
select empty project

< Previous

Next >

Finish

Cancel



Add New Item - helloworld

Installed Templates

Visual C++

UI  
Code  
Data  
Resource  
Web  
Utility  
Property Sheets

Sort by: Default



Windows Form

Visual C++



C++ File (.cpp)

Visual C++



HTML Page (.htm)

Visual C++



Static Discovery File (.disco)

Visual C++



Header File (.h)

Visual C++



Midl File (.idl)

Visual C++



Resource File (.rc)

Visual C++



Server Response File (.srf)

Visual C++



Module-Definition File (.def)

Visual C++



Registration Script (.rgs)

Visual C++



MFC Ribbon Definition XML File

Visual C++



Property Sheet (.props)

Visual C++

Search Installed Templates

Type: Visual C++

Creates a file containing C++ source code

source file name

Name:

helloworld

Location:

C:\Users\mj1555\Downloads\helloworld\helloworld\

Browse...

Add

Cancel



helloworld - Microsoft Visual Studio

File Edit View Project Build Debug Team Data Tools Test Window Help



Solution Explorer



Solution 'helloworld' (1 project)

helloworld

External Dependencies

Header Files

Resource Files

Source Files

helloworld.cpp

helloworld.cpp

(Global Scope)

```
#include <stdio.h>

int main()
{
    printf("hello world!\n");
    return 0;
}
```

run the program

C:\Windows\system32\cmd.exe

hello world!  
Press any key to continue . . .

output