ENGR 0012
Engineering Analysis II
How to create a project in Xcode
How to create a project in Xcode

Note that this document assumes you have the latest version of Xcode installed on your system. The latest version of Xcode is: Version 7.2.1 (7C1002)

1. Open Xcode (located in Applications folder)

2. Select

- Get started with a playground
  Explore new ideas quickly and easily.

- Create a new Xcode project
  Start building a new iPhone, iPad or Mac application.

- Check out an existing project
  Start working on something from an SCM repository.

- Show this window when Xcode launches
How to create a project in Xcode

3. Select

4. Select

5. Click
How to create a project in Xcode

6. Enter Product Name (i.e., project name)

7. Enter Organization Identifier (e.g., your initials)
How to create a project in Xcode

Ensure C is selected as the Language

8. Click
How to create a project in Xcode

9. Create a New Folder or select an existing folder to save the project (in this demo, the project is saved under **C-Projects**, which is a local folder under the Documents folder.

10. Click
How to create a project in Xcode

Final project window

Note that Xcode creates main.c by default
How to create a project in Xcode

Final project window

By default Xcode includes following snippet of code in main.c

```c
#include <stdio.h>
int main(int argc, const char * argv[]) {
    // insert code here...
    printf("Hello, World!\n");
    return 0;
}
```
How to compile and execute code
How to compile and execute code

1. Click file name
2. Click
3. Select
How to compile and execute code

4. Click

5. Select
How to compile and execute code

Final project window after program execution

Program output
How to add a new file to a project
How to add a new file to a project

1. Click project folder name

2. Click

3. Select
How to add a new file to a project

4. Click

5. Click

6. Click

7. Enter filename with correct extension (i.e., c)

8. Click
How to add a new file to a project
How to add an existing file to a project
How to add an existing file to a project

1. Click project folder name

2. Click

3. Select
How to add an existing file to a project

4. Locate file to be added

5. Click
How to open an existing project
How to open an existing project

Locate project and
Double-click on *.xcodeproj (in this demo: Project1.xcodeproj)