

**Recep Tayyip Erdogan University**

**Faculty of Engineering and Architecture**

**Computer Engineering**

CE103- Algorithms and Programming - I

**Study-2 (Week-5)**

**Fall Semester, 2021-2022**

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**Complete the following tasks.**

*This is your life. Make Choice and Beat the Fear by Practicing.*

**If you complete the tasks,**

**you will get positive points from**

**my point of view.**

**Also, you will earn my respect.**

**Study-1**

Use Cmake to create visual studio project automatically with CMakeLists.txt and then compile – run and analyse following projects

<https://github.com/ucoruh/ce103-algorithms-and-programming-I/tree/main/Week-5>

* **console-snake-game**
* **AverageSample**
* **c-color-console**
* **c-console-menu-click**
* **c-donut-deobfuscated**
* **c-nweb-webserver**
* **c-plot-graph**
* **c-progressbar-console**
* **c-qr-console-demo**
* **LangSample**

**Study-2**

Visit the following web page. You will find **71 example** source code.

<https://www.programiz.com/c-programming/examples>

Create a empty solution (***programiz-sample***) from VisualStudio 2022 and all examples to this solution as C project.

Name projects as

***programiz-sample-1***

***programiz-sample-2***

Compile – Run – Write Comment to describe solution if missing.

**Study-3**

Open an HackerRank account.

Open C problems. (25 problem)

<https://www.hackerrank.com/domains/c>

Create your solution, try to understand solutions and submit your responses. Also

Create a empty solution (***hackerrank-sample***) from VisualStudio 2022 and all examples to this solution as C project.

Name projects as

***hackerrank -sample-1***

***hackerrank -sample-2***

**Study-4**

Visit <https://happycodings.com/> and select C problems

Create a empty solution (***programiz-sample***) from VisualStudio 2021 and all examples to this solution as C project.

Name projects as

***programiz-sample-1***

***programiz-sample-2***

**Compile – Run – Write** Comment to describe solution if missing.

**Study-5**

Visit <https://c-for-dummies.com/cprog/exercises/>

Create a empty solution (***dummies-sample***) from VisualStudio 2022 and all examples to this solution as C project.

Name projects as

***dummies-sample-1***

***dummies-sample-2***

**Compile – Run – Write** Comment to describe solution if missing.

**Study-6**

Visit following links and try to Compile – Run and Analyse programs

<https://learnprogramo.com/50-interesting-programming-c-projects-download-with-source-code/>

Create a empty solution (***learno-apps***) from VisualStudio 2022 and all examples to this solution as C project.

Name projects as

***learno-apps-1***

***learno-apps-2***

**Compile – Run – Write** Comment to describe solution if missing.

**Study-7**

Visit the following links <https://learnprogramo.com/category/c-programs/>

Create a empty solution (***learno-sample***) from VisualStudio 2022 and all examples to this solution as C project.

Name projects as

***learno-sample-1***

***learno-sample-2***

Good Luck!