

# Mar2022 STEPIn: C Programming on Multi Platform - PBL Approach

Please fill the correct details and only once. Any mismatch will lead may lead to missing of score for respective components.

1

Name \*

Bhakti Bastwadkar

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Email ID communicated to LTTS \*

bhaktibastwadkar99@gmail.com

3

Email ID used to solve HackerEarth practice problems \*

bhaktibastwadkar99@gmail.com

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Mobile Number used to login on Submittity Platform \*

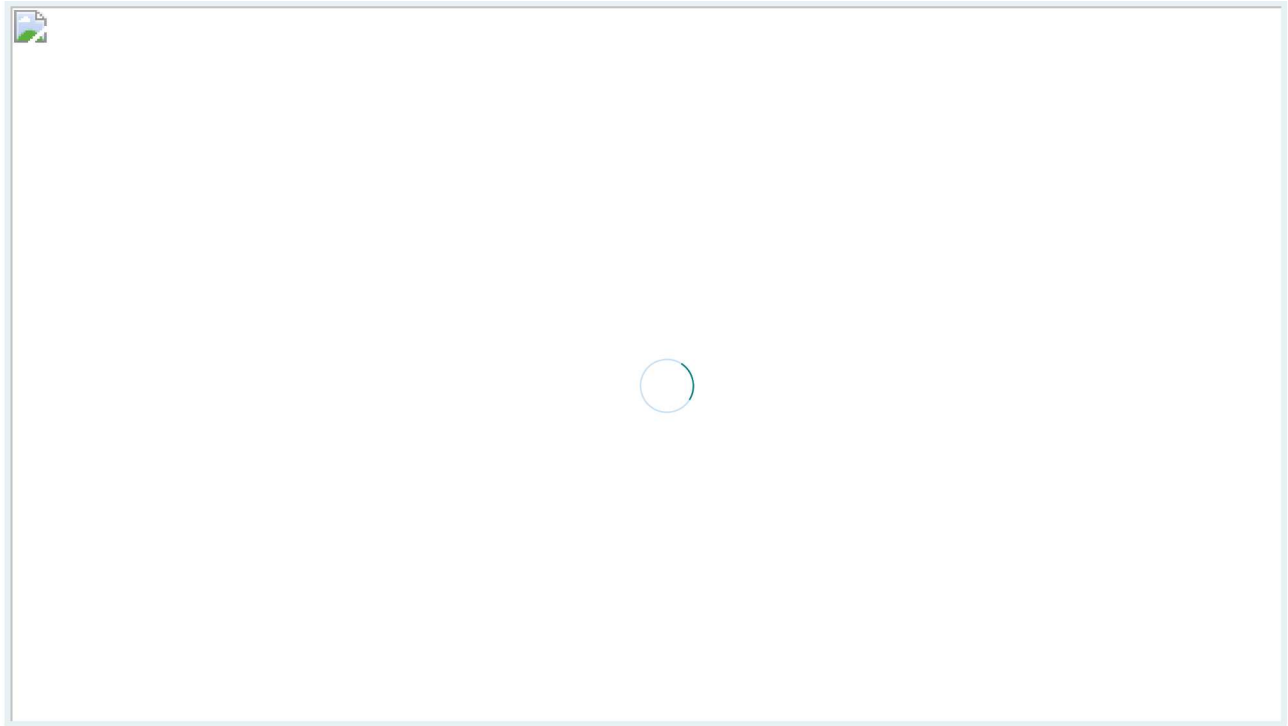
9902996621

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Status on the tasks so far \*

	Not Done	Completed
Sololearn C Module	<input type="radio"/>	<input checked="" type="radio"/>
Hackerearth Points - 1000 with C	<input type="radio"/>	<input checked="" type="radio"/>
CISCO - NDG Linux Course	<input type="radio"/>	<input checked="" type="radio"/>
Github Learn	<input type="radio"/>	<input checked="" type="radio"/>
Module end Assessment	<input type="radio"/>	<input checked="" type="radio"/>
Submittity Challenges	<input type="radio"/>	<input checked="" type="radio"/>

Mini Project



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Link to the Github Mini Project Repo (refer to the image) \*

Add only https link and make sure your repository is public

[https://github.com/Bhaktibastwadkar-123/M1\\_March\\_2022.git](https://github.com/Bhaktibastwadkar-123/M1_March_2022.git)

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Type of Mini Project Problem Statement \*

- ☒ Application/ Utility
- ☐ Previous Project
- ☐ Game or Fun Project

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## Brief Description of the Mini Project \*

I have done Mini Project on Hexadecimal to Octal Conversion System

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## Status of the GitHub Repo \*

	Not in accordance with LTTS inputs	Partially in accordance with LTTS inputs	Completely in accordance with LTTS inputs
Repo Structure and naming convention	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Requirements(High Level & Low Level Req)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
UML Diagram (Structural & Behavioral)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Test Plan	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Implementation	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Unit Testing	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Badges (Build, Code Quality, Unit Testing etc)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Multifile Programming	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Makefile based build on Windows and Linux	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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Have you done self check of your project? \*

Self check points are captured under Project Checklist in

submitty: [http://3.109.26.255/courses/2022/stepin\\_cprogramming\\_batch1/course\\_materials](http://3.109.26.255/courses/2022/stepin_cprogramming_batch1/course_materials)

☐ Yes

☒ No

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"make -C 3\_Implementation" works and only build the project \*

First target inside Makefile must only build the program.

☒ Yes

☐ No

## Self Rating & Improvement Quotient

12

Improvement in understanding and usage of the tools \*

	Was already at this level	Improved a little	Huge Shift
IDE for Building, compiling, navigation etc	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Debugging through IDE or Cmd line	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
C Tutor Visualization	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Code Analysis - Static &  
Dynamic

Unit Testing



Dxoygen - Documentation



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Improvement in understanding and applying the concepts \*

	Was already at this level	Improved a little	Huge Shift
Product Development Lifecycle (PDLC) and Process	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Version Control - Github, workflows etc	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Linux OS - Working across platform and cmd line	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Debugging faulty Code	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Unit Testing and code coverage	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Multifile Programming	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Programming Concepts	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
PDLC - Requirement Stage	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
PDLC - Design Stage	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
PDLC - Testing Stage	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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How do you rate the relevance of the Submitty Tasks \*



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How do you rate the relevance of the HackerEarth Assessment \*



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What is the level of HackerEarth test questions according to you? \*

- ☐ Easy
- ☒ Medium
- ☐ Difficult

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How do you rate the relevance of the content shared and the quality of the same in Github \*



18

How do you rate the Overall Faculty Connect Sessions \*



19

How do you rate the Overall Faculty support with queries and challenges \*



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Overall Concepts/Elements/Components that you like about in the module/course \*

Github Workflows

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Overall Concepts/Elements/Components that can be/ needs to be improved in the module/course \*

Unit testing



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I acknowledge that I am filling this form only once and filled correct data in all fields \*

☐ Yes

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