

「FRANCIS DE SALES COLLE

Permanently Affiliated to Bangalore University | AlCTE Approved Electronic City, Bengaluru - 100

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A FRANSALIAN INSTITUTE OF HIGHER LEARNING

Title	ICT Skills - " CODING ROOM"		
Date of Event(s)	16 May 2023		
Class Activity	Computer Applications		
Venue	Codingrooms.com		
(Mention the platform if it isonline)			
Number of Participants	80		
Target Audience	II BCA		

The objective of the Program:

Today's increasingly digital world demands a deeper understanding of coding and technology interaction. The ability to code enables individuals to navigate and utilize technology effectively, whether they're using software applications, understandingalgorithms, or troubleshooting technical problems.

In coding, complicated problems are broken down into smaller, manageable steps and logical solutions are designed. As a result, it enhances critical thinking, analytical skills, and the ability to approach challenges systematically. A high level of problem-solving skills is valued everywhere, from academia to professional settings to everyday life.

Coding room (https://www.codingrooms.com/) IDE is a powerful, easy to use, browser-based development environment. It is a real-time platform for teaching programming online that allows teachers to engage with their students' code instantly. Prof Veena who handles the paper "Object Oriented Programming using Java" used this platform to engage and encourage students in coding. She assigned some programs like Calculate BMI, Tip calculator etc. The problems were defined clearly stated, formula and hints to solve the given.

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The model solution for the problem prepared by the instructor and some test cases are added to evaluate the students' work. Their solutions are checked against the test cases and model solutions and are graded accordingly.

The instructor can see the number of students the student has attempted to solve the problem. The class was excited to use the platform. It encouraged them to get better and their solution close to the sample output.

The outcome of the program:

This activity helped the students to reflect on their understanding of the topic and enhanced their coding skills. It enhanced their problem-solving skills, creativity, algorithmic, sequential and computational thinking skills

Report Prepared by:

Report Verified by:

COORDINATOR

Desalite Skill Development Cell

St. Francis de Sales College

Bengaiuru - 560100

Report Approved by:

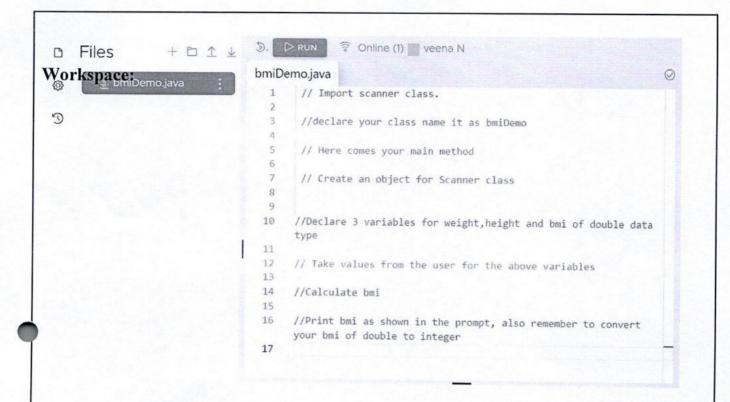
St. Francis de Sales College Electronics City Post, Bangalore - 560 100.



Grade book:

Test Your Code

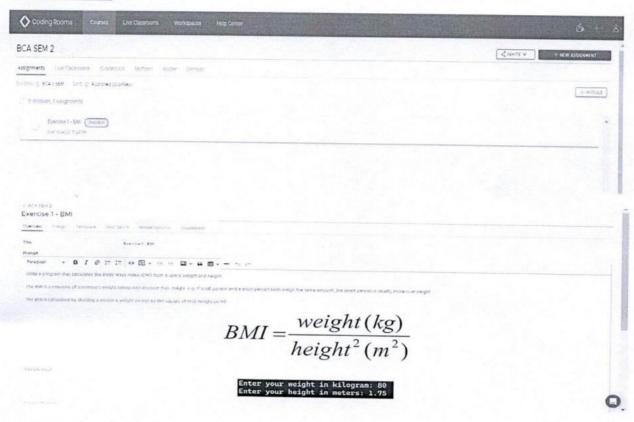
♦ Coding Rooms Courses	Live Classrooms	Workspaces Help Cer	nter			⊗ +-
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paneshprasannad_007 (submitted)	3	100%	100%	0%	33.33%	



Student work

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Exercise 1 - BMI (joisemp_048 - Solution Workspace)
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                                                                       bmiDemo.java
              ₫ bmiDemo java :
    0
                                                                                    import java.util.Scanner;
   3
                                                                                    // bmiDemo class
                                                                                    class bniDemo{
                                                                                           // main method
public static void main(String[] args){
    // Create input object from Scanner class
    Scanner input = nex Scanner(System.in);
    // Get Neight input from the user
    System.out.print("Enter your weight in kilogram: ");
    double weight = input.nextDouble();
    // Get Height input from the user
    System.out.print("Enter your height in meters: ");
    double height = input.nextDouble();
    // Calculate eMI
    int bni = (int)(weight/(height-height));
                                                                         10
11
12
                                                                                                  int bmi = (int)(weight/(height*height));
                                                                        18
19
20
21
                                                                                                   System.out.println("your BHI is : "+bmi);
```

Screenshots:



Coding Rooms Courses	Live Classificens Workspac	trs. Help Center				e +
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