



AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB)
Faculty of Science and Technology (FST)
Department of Computer Science (CS)

Course Title:

CSC1205: Object Oriented Programming 1 (JAVA)

Lab Task - 2:

Developing a basic Java class with attributes, constructors and methods with main method in a separated class.

Look at the following class notation carefully and develop the class.

| Food |
|---|
| String name String ingredients [] double price float calories |
| Food() Food (String name, String[] ingredients, double price, float calories) void setName(String name) void setIngredients (String[] ingredients) void setPrice(double price) void setCalories (float calories) String getName () String[] getIngredients () double getPrice () float getCalories () void removeIngredient(String ingredient) void addingredient(String ingredient) abstract void showDetails() |

| Start |
|---|
| The Start class contains the main method. Inside the main method create two objects of the food class and demonstrate all the constructors and methods. |