

JA111 Assignment

(Enum,Var-args,Date Time API)

Q1) Create a Java class name Mobile with a single method “searchOutdatedModel()” that can accept the name of a Mobile company and any number of its model names.

Note: Use suitable argument for searchOutdatedModel method.

Note: The user can supply any number of model names, even the user can supply only the company name without its model also.

Mobile class has following instance variable-

```
String[] outdatedModels = {"note4","note5","note6","note7"};
```

If user supplied mobile model matches with any of the above outdated models, then print that model name postfix with OUTDATED word example(note4_OUTDATED).

Q2) Create an enum Stadium with the following names-

```
EDEN_GARDENS_STADIUM  
WANKHEDE_STADIUM  
CHIDAMBARAM_STADIUM  
M_CHINNASWAMY_STADIUM
```

Now create a class IPL it will have a method-

```
homeTeamStadium(Stadium stadium) : void
```

Inside this method switch on the Stadium enum and display the details of the Stadium.

Example:

If Stadium = EDEN_GARDENS_STADIUM then print “This is the home ground of KKR”

If Stadium = WANKHEDE_STADIUM then print “This is the home ground of Mumbai Indians”

If Stadium = CHIDAMBARAM_STADIUM then print “This is the home ground of CSK”

If Stadium = M_CHINNASWAMY_STADIUM then print “This is the home ground of RCB”

Call the above homeTeamStadium method by taking the input Stadium name from the user using the Scanner class.

Q3) How to add 1 week, 1 month, 1 year, 10 years to the current date using the Date Time API show with the help of an example?

Q4) Write an application, in which user will be prompted to enter startDate and endDate in the form of String in “dd-MM-yyyy” pattern.

- If the startDate is greater than end date, show the message to the user as :
“Start date should be smaller than End date”
- if user passes the wrong date pattern then show the message to the user as:
“Please enter date in dd-MM-yyyy” format

Otherwise calculate the number of days and between start date and end date. Calculate and print the total wages (wages for 1 day is 1200).