



KIND



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Higher SDD Worksheet 6 – Exam Style Q

Name

Declare a record structure that will store the following information:

Team name

Total Points

Goals For

Goals Against

```
Public Structure TeamInfo
```

```
    Dim TeamName As String
```

```
    Dim TotalPoints As integer
```

```
    Dim GoalsFor As integer
```

```
    Dim GoalsAgainst As integer
```

```
End structure
```

3 marks

Declare an array of records for a league that stores information **on 15 teams** using the record structure you declared above.

```
Dim Team(15) As TeamInfo
```

2 marks



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The league requires an algorithm to **display the name** of the team with the **most points**.
Write an algorithm to do this.

```
Dim NameOfBestTeam As integer
Dim NoOfPointsOfBestTeam As integer

NoOfPointsOfBestTeam = Teams(1).TotalPoints
NameOfBestTeam = Teams(1).TeamName

For counter = 2 to 15

If Teams(counter).TotalPoints > NoOfPointsOfBestTeam Then
    NoOfPointsOfBestTeam =Teams(counter).TotalPoints
    NameOfBestTeam = Teams(counter).TeamName
End If

Next

Msgbox("The team with the most points is" & NameOfBestTeam)
```