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CLASS: FIRST YEAR BTECH(COMP)

ROLL NO:-837

CODE 1:-

```
f1=open("student.csv","r")
f2=open("placement.csv","r")
f3=open("placement.csv","w")
contents1=f1.read()
contents2=f2.read()
print(contents1)
print(contents2)
nm=[]
package=[]
lines1=contents1.split("\n")
lines2=contents2.split("\n")
lines1.pop()
lines2.pop()
for l1 in lines1:
words1=l1.split(",")
for l2 in lines2:
words2=l2.split(",")
if(words1[0] == words2[0]):
l1 = l1 + "," + words2[1] + "," + words2[2] + "\n"
f3.write(l1)
nm.append(words1[1])
package.append(int(words2[2]))
print(l1)
f1.close()
f2.close()
f3.close()
```

CODE 2:-

```
f=open("placement.csv","r")x
contents=f.read()
lines=contents.split("\n")
lines.pop()
sid=[]; nm=[]; company=[]; package=[];
for l in lines:
words=l.split(",")
print(words)
sid.append(int(words[0]))
nm.append(words[1])
company.append(words[2])
package.append(int(words[3]))
print("\nStudent IDs",sid)
print("Student Names",nm)
print("Student Company",company)
print("Student Package",package)
#Max Package
print("\nMaximum Package :",max(package))
#Min Package
print("Minimum Package :",min(package))
#Average Package
print("Average Package :",sum(package)/len(package))
#Total Package
print("Total Package :",sum(package))
#Student whose package is max
print("\nStudent name whose package is maximum :",nm[package.index(max(package))])
#Student whose company is Google
print("Student name whose company is Google : ",end=",")
for i in range(len(company)):
if company[i]=="Google":
```

```
print(nm[i],end=" ")
#Student whose package is 2400000
print("\nStudent name whose package is 2400000 :
",nm[package.index(2400000)])
#Student whose package is min
print("Student name whose package is minimum :
",nm[package.index(min(package))])
#Student whose company is Microsoft
print("Student name whose company is Microsoft : ",end=",")
for i in range(len(company)):
if company[i]=="Microsoft":
print(nm[i],end=" ")
f=0
#Student whose package is 2000000
for i in range(len(package)):
if package[i]==2000000:
print("\nStudent name whose package is 2000000 : ",nm[i])
f=1
if(f==0):
print("No any Student present whose package is 2000000")
```

Output:

```
101, Vishnu

102, Mayur

103, Pratik

104, Omkar 105, Roshan

101, Cisco, 700000
```

102, Google, 2400000

103, TCS, 800000

104, Bajaj, 1000000

105, Microsoft, 2000000

101, Vishnu, Cisco, 700000

102, Mayur, Google, 2400000

103, Pratik, TCS, 800000

104, Omkar, Bajaj, 1000000

105, Roshan, Microsoft, 2000000

['101', 'Vishnu', 'Cisco', '700000']

['102', 'Mayur', 'Google', '2400000]

['103', 'Pratik', 'TCS', '800000]

['104', 'Omkar', 'Bajaj', '1000000']

[105, Roshan', 'Microsoft', '2000000']

Student IDS [101, 102, 103, 104, 105]

Student Names ['Vishnu', 'Mayur', 'Pratik', 'Omkar', 'Roshan']

Student Company ['Cisco', 'Google', 'TCS', 'Bajaj', 'Microsoft']

Student Package [700000, 2400000, 800000, 1000000, 2000000]

Maximum Package: 2400000

Minimum Package: 700000

Average Package: 1380000.0

Total Package: 6900000

Student name whose package is maximum: Mayur

Student name whose company is Google,Mayur

Student name whose package is 2400000: Mayur

Student name whose package is minimum: Vishnu

Student name whose company is Microsoft, Roshan

Student name whose package is 2000000: Roshan