# Project Name: Student Management System

# Source code:

def calculate\_highest\_in\_maths(student\_list):  
 highest\_score\_in\_maths = 0  
 highest\_score\_in\_maths\_name = ""  
 region\_of\_the\_student = ""  
   
 for student in student\_list:  
 if (student.get("maths") > highest\_score\_in\_maths):  
 highest\_score\_in\_maths = student.get("maths")  
 highest\_score\_in\_maths\_name = student.get("name")  
 region\_of\_the\_student = student.get("region")  
 print(f"The highest scorer in maths is {highest\_score\_in\_maths} by {highest\_score\_in\_maths\_name} from {region\_of\_the\_student}")  
   
def calculate\_highest\_in\_science(student\_list):  
 highest\_score\_in\_science = 0  
 highest\_score\_in\_science\_name = ""  
 region\_of\_the\_student = ""  
   
 for student in student\_list:  
 if (student.get("science") > highest\_score\_in\_science):  
 highest\_score\_in\_science = student.get("science")  
 highest\_score\_in\_science\_name = student.get("name")  
 region\_of\_the\_student = student.get("region")  
 print(f"The highest scorer in science is {highest\_score\_in\_science} by {highest\_score\_in\_science\_name} from {region\_of\_the\_student}")  
  
def calculate\_highest\_in\_social(student\_list):  
 highest\_score\_in\_social = 0  
 highest\_score\_in\_social\_name = ""  
 region\_of\_the\_student = ""  
   
 for student in student\_list:  
 if (student.get("social") > highest\_score\_in\_social):  
 highest\_score\_in\_social = student.get("social")  
 highest\_score\_in\_social\_name = student.get("name")  
 region\_of\_the\_student = student.get("region")  
 print(f"The highest scorer in social is {highest\_score\_in\_social} by {highest\_score\_in\_social\_name} from {region\_of\_the\_student}")  
  
student\_1 = {  
 "maths": 45,  
 "social": 62,  
 "science": 95,  
 "name": "tanmay",  
 "region": "bangalore"  
}  
student\_2 = {  
 "maths": 74,  
 "social": 83,  
 "science": 96,  
 "name": "Dheeraj",  
 "region": "mysore"  
}  
student\_3 = {  
 "maths": 79,  
 "social": 90,  
 "science": 98,  
 "name": "sooraj",  
 "region": "chamarajanagar"  
}  
  
student\_list = [student\_1, student\_2, student\_3]  
calculate\_highest\_in\_maths(student\_list)  
calculate\_highest\_in\_science(student\_list)  
calculate\_highest\_in\_social(student\_list)