

March 6 Assignment

```
let students =[
  {
    name: "Vinay",
    father_name:"Ram",
    mother_name:"sita",
    maths_marks: 90,
    science_marks: 90,
    english_marks: 90,
    hindi_marks: 100,
    computer_science_marks: 80,
    gender: "male"
  },
  {
    name: "Lavanya",
    father_name:"eqre",
    mother_name:"fghgh",
    maths_marks: 80,
    science_marks: 85,
    english_marks: 90,
    hindi_marks: 100,
    computer_science_marks: 80,
    gender: "female"
  },
  {
    name: "Sumit",
    father_name:"wqeqwr",
    mother_name:"fret",
    maths_marks: 100,
    science_marks: 100,
    english_marks: 90,
    hindi_marks: 100,
    computer_science_marks: 80,
    gender: "male"
  },
  {
    name: "Mehul",
    father_name:"awefr",
    mother_name:"waef",
    maths_marks: 50,
    science_marks: 60,
    english_marks: 90,
    hindi_marks: 100,
    computer_science_marks: 80,
    gender: "male"
  }
]
```

```
},  
];
```

```
function addstudent(student){  
  students.push(student)  
}
```

```
function readstudent(name){  
  return students.find(student=>student.name===name)  
}
```

```
function updatestudent(name,newName)  
{  
  const stud=students.find(student=>student.name===name)  
  if(stud)  
  {  
    Object.assign(stud,newName)  
  }  
}
```

```
function deleteStudent(name){  
  let stud = students.findIndex(student=>student.name===name)  
  if(stud!==-1)  
  {  
    students.splice(stud,1)  
  }  
}
```

```
let student = {  
  name: "Abhishek",  
  father_name:"Rdfhgg",  
  mother_name:"ssfgsg",  
  maths_marks: 90,  
  science_marks: 80,  
  english_marks: 81,  
  hindi_marks: 98,  
  computer_science_marks: 80,  
  gender: "male"  
}
```

```
addstudent(student);
```

```
console.log(readstudent("Abhishek"));
```

```
updatestudent("Abhishek",{name:"Shivam"});  
console.log(readstudent("Shivam"));
```

```
deleteStudent("Abhishek");  
console.log(readstudent("Abhishek"));
```

```
let maxi;  
for(let i=0;i<students.length;i++)  
{  
  let  
    total_marks=students[i].maths_marks+ students[i].science_marks+  
students[i].english_marks+ students[i].hindi_marks+  
    students[i].computer_science_marks;  
  let Avg = total_marks/5;  
  if(Avg>90){  
    console.log("Average Marks of "+students[i].name+" is "+ Avg+" and Grade is A+  
(TOPPER)");  
  }  
  else{  
    console.log("Average Marks of "+students[i].name+" is "+ Avg);  
  }  
  
}
```