QUESTION :-

```
let students =[
 {
    name: "Vinay",
    maths_marks: 90,
    science_marks: 90,
    english_marks: 90,
    hindi_marks: 100,
    computer_science_marks: 80,
    gender: "male"
},
 {
   name: "Lavanya",
   maths_marks: 80,
   science_marks: 85,
   english_marks: 90,
   hindi_marks: 100,
   computer_science_marks: 80,
   gender: "female"
},
 {
   name: "Sumit",
   maths_marks: 100,
   science_marks: 100,
   english_marks: 90,
   hindi_marks: 100,
   computer_science_marks: 80,
   gender: "male"
},
 {
   name: "Mehul",
   maths_marks: 50,
   science_marks: 60,
   english_marks: 90,
   hindi_marks: 100,
   computer_science_marks: 80,
   gender: "male"
},
];
```

SOLUTIONS :-

1) Wap to find students who scored an average of more than 80?

```javascript
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>=80)
  {
    console.log(students[i].name + " " + avg);
  }
}
```

2) Wap to find Students whose name starts with 'A'?

```javascript
for(let i=0;i<students.length;i++)
 {
   if(students[i].name[0]=='M'||students[i].name[0]=='m')
   {
     console.log(students[i].name);
   }
 }
```

3) Wap to find Male students?

```javascript
for(let i=0;i<students.length;i++)
 {
   if(students[i].gender=='male')
   {
     console.log(students[i].name);
   }
 }
```

4) Wap to find students who got more than 85 (not equal to) in maths?

```javascript
for(let i=0;i<students.length;i++)
 {
```

```
   if(students[i].maths_marks>85)
   {
     console.log(students[i].name);
   }
 }
```

5) Wap to find the total class math average?

```
let MathsAvg=0;
for(let i=0;i<students.length;i++)
 {
    MathsAvg=MathsAvg+students[i].maths_marks;
 }
console.log("Total class Maths Average : " + MathsAvg/students.length);
```

6) Wap to find the total class science average?

```
let SciAvg=0;
for(let i=0;i<students.length;i++)
 {
    SciAvg=SciAvg+students[i].science_marks;
 }
console.log("Total class Science Average : " + SciAvg/students.length);
```

7) Wap to find students who have 'ab' in their name?

```
for(let i=0;i<students.length;i++)
 {
    if(students[i].name.includes("ab"))
    {
     console.log(students[i].name);
    }
    else{
     console.log("Not Found");
    }
 }
```