

1st task j.s && Front-R33

problem solving

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1-

Ask the student to give you his degree in 6 Subjects and print Percentage and (Overall rating using if condition). (≥ 85 print excellent , ≥ 75 print v.good ,etc)

```
var sum = 0;
for (var i=0 ; i<6 ; ++i){
    sum += Number(prompt("Enter Your Subject Degree: "))
}

var result = (sum/600)*100

console.log(result)

if (result >=85){
    console.log("Excellent")
}
else if(result >= 75){
    console.log("V.good")
}
else if(result >= 65){
    console.log("Good")
}
else if(result >= 50){
    console.log("Accepted")
}
else
    console.log("Failed")
```

2-

Ask the user to write 2 numbers and print odd numbers only from sum of these 2 numbers to the Multiplying of them .

```
var num1 = Number(prompt("Enter Num1: "))
var num2 = Number(prompt("Enter Num2: "))
var arr = []
var cnt = 0

for(var i = num1+num2 ; i <= num1*num2 ; ++i)
{
    if(i%2 == 1)
        arr[cnt++] = i
}

console.log(arr)
```



3-

Using prompt and if condition (ask the user to enter his salary (if it > = 17000 print "wealthy" , but from 9000 to 17000 print " rich" , else print "mashia be elsatr".

```
var salary = prompt("Enter Your Salary: ")
```

```
if(salary >=17000)
  console.log("wealthy")
else if (salary >= 9000 )
  console.log("rich")
else
  console.log("mashia be elsatr")
```



4-

Ask the Lecturer to Give you number Of students and Name and degree of each student and print each student info in an array.

```
var studentNum = Number(prompt("Enter Num Of Students: "))
var studentInfo = []
```

```
for(var i = 0 ; i<studentNum ; ++i)
    studentInfo[i] = [prompt("Enter Name: ") , prompt("Enter Degree: ")]
```

```
for(var i = 0 ; i<studentNum ; ++i)
    console.log(studentInfo[i])
```

```
//=====
// another solution:- with object ^_^
```

```
var studentNum = Number(prompt("Enter Num Of Students: "))
var studentInfo = {}
var stuName
var stuDegree
```

```
for(var i = 0 ; i<studentNum ; ++i)
{
    stuName = prompt("Enter Name: ")
    stuDegree = prompt("Enter Degree: ")

    studentInfo[stuName] = stuDegree
}
```

```
console.log(studentInfo)
```



5-

ask the user to give you a number and use for loop to print even numbers from 0 to that number .

```
var num = Number(prompt("Enter A Num: "))  
var arr = []  
var cnt = 0;
```

```
for(var i = 0 ; i<=num ; ++i)  
  if(i%2 == 0)  
    arr[cnt++] = i
```

```
console.log(arr)
```

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