

## Assignment (Object)

**Q1:** Write a program to create basic object structure (Object Name = "Student")?

**Q2:** Write a program to create student Object and use properties that are as given

- name = "ABS Student" ;
- age = 20;
- student\_Id = 420 ;

Show Student Properties in alert box

**Q3:** Write a program to create student bio data, following fields use in Student Object (First Name, Last Name, Age, ID, Contact #, Father Name, Residential Address)

**Q4:** Write a program to create student mark sheet, use following fields in Object

Student\_Name : "Zia Khan",  
Student\_ID : =J30052425300,  
Subject\_HTML : 80,  
Student\_CSS : 90,  
Student\_JAVASCRIPT : 90,  
Student\_BOOTSTRAP : 70,  
Total\_Marks : 400

**Q5:** Write a program to check if student is eligible for Module A class, following fields use in Student Object

Student\_Name : "Rehan Uddin",  
Student\_Age : 20    Check the Condition

If student age is > 20 then not eligible for Module A classes

**Q6:** Write a program to create two student Mark sheet, and check the conditions as given in question

```
Student_One
{
Student_Name : "Zia Khan",
Student_ID : =J30052425300,
Subject_HTML : 80,
Student_CSS : 90,
Student_JAVASCRIPT : 90,
Student_BOOTSTRAP : 70,
Total_Marks : 400
}
```

Student\_Two

```
{  
  Student_Name : "Zia Khan",  
  Student_ID : J30052425300,  
  Subject_HTML : 60,  
  Student_CSS : 70,  
  Student_JAVASCRIPT : 65,  
  Student_BOOTSTRAP : 85,  
  Total_Marks : 400  
}
```

Show the percentage for both and check the condition, if Student\_One's percentage > Student\_Two then eligible for scholarship

**Q7:** Write a program to create student object and insert data through prompt, then show values in alert box

Use following properties in object

Name  
Age  
Address

And after show the data in alert box?

**Q8:** Write a program to take user input and create student mark sheet?

Student\_Name : user input,  
Student\_ID : user input,  
Subject\_HTML : user input,  
Student\_CSS : user input,  
Student\_JAVASCRIPT : user input,  
Student\_BOOTSTRAP : user input,  
Total\_Marks : user input

**Q9:** Copy this array to your code

```
var arr = [  
  {name: 'Asher', age: 22},  
  {name: 'Zubair', age: 20},  
  {name: 'Kashif', age: 23},  
  {name: 'Wasif', age: 17},  
  {name: 'Hanzala', age: 28}  
]
```

- i) Replace the 3rd index with {name: 'Siddiq', age: 23}
- ii) Push {name: 'Umar', age: '23'} from the end
- iii) Remove the first element
- iv) Add a field createdAt: new Date() with each through loop.

**Q10:** Using above array

I want an array consisting only those names whose ages are between 18 to 28 and their names consist of letter 'f'. Then convert the output array to string. For e.g. ['Asher', 'Zubair'] to 'Asher', 'Zubair'.

Q11: These are two arrays

```
var students = [  
  {  
    _id: 'std1'  
    name: 'Bill Gates',  
    age: 30  
  },  
  {  
    _id: 'std2'  
    name: 'Steve Jobs',  
    age: 30  
  },  
  {  
    _id: 'std3'  
    name: 'Suzanne Collins',  
    age: 30  
  }  
];
```

```
var courses = [  
  {  
    name: 'Maths',  
    std_id: ['std3', 'std1']  
  },  
  {  
    name: 'Computer Science',  
    std_id: ['std3', 'std2']  
  },  
  {  
    name: 'Commerce',  
    std_id: ['std1']  
  },  
]
```

Expected Output Get an array consisting of student name and student Id with courses (array).