JULY 20 ASSIGNMENT

```javascript
var todoList=[];
function create(){
  console.log("Insertion of To-Do's");
  id=prompt("Enter the id");
  item=prompt("Enter the task");
  status=prompt("Enter the status");
  let ob={
    "id": id,
    "item":item,
    "status":status
  }
  todoList.push(ob);
}


function changeStatus(){
  console.log("Changing the status");
  id=prompt("Enter the id that should be updated");
  const obj_up =todoList.find(obj=>obj.id===id);
  console.log("Here's the task:",obj_up.id,"--->",obj_up.item,"--->",obj_up.status);
  const change_status=prompt("Do u want to change status as completed?");
  if(change_status==="yes"){
   if(obj_up .status==="not completed")
   {
    obj_up .status="completed";
     console.log(obj_up .id,obj_up.item,obj_up .status);
   }
   else{
     obj_up .status="not completed";
     console.log(obj_up .id,obj_up.item,obj_up .status);
   }
```

```javascript
  }
  else{
   console.log("Continue with current status");
  }
}


function listAllTodos() {
 let completed = todoList.filter((todo) => todo.status === "completed");
 let notCompleted = todoList.filter((todo) => todo.status === "not completed");
 console.log("Completed: ");
for (let i of completed) {
  console.log("  " + i.item);
 }
 console.log("------------");
 console.log("Not completed: ");
 for (let i of notCompleted) {
  console.log("  " + i.item);
 }
}


function deleteID(){
 console.log("Deleting based on given id");
 id=prompt("Enter the id to be deleted");
 const dele=todoList.findIndex((i)=>i.id==id);
 todoList.splice(dele,1);
 console.log("After deletion",todoList);
}


function deleteCompleted() {
 todoList.forEach((todo, i) => {
```

```javascript
    if (todo.status === "completed") {

      todoList.splice(i, 1);

    }

  });

}


function main(){

  let choice;

  while(true && choice!=6){

    console.log("1.Create 2.Status Change 3.DisplayList 4.Delete using ID 5.Delete the completed ones 6.Exit")

    choice=Number.parseInt(prompt("Enter the choice"));

    switch(true){

      case choice==1:

        create();

        break;

      case choice==2:

        changeStatus();

        break;

      case choice==3:

        listAllTodos();

        break;

      case choice==4:

        deleteID();

        break;

      case choice==5:

        deleteCompleted();

        break;

      case choice==6:

        break;

      default:
```

```javascript
      console.log("Invalid choice");
    }
  }
}
main();
```