

#NO 1

Nama : Sany Noor Fauzianty

Nim : [20220040264](#)

Kelas : TI22F



In [1]:

```
data_nilai = [
    {
        "student_number" : "101",
        "Name" : "Andri",
        "Subject" : "Programming Basic",
        "Grade" : 80
    },
    {
        "student_number" : "102",
        "Name" : "Budi",
        "Subject" : "Programming Basic",
        "Grade" : 90
    },
    {
        "student_number" : "103",
        "Name" : "Cika",
        "Subject" : "Programming Basic",
        "Grade" : 100
    },
    {
        "student_number" : "104",
        "Name" : "Dedi",
        "Subject" : "Programming Basic",
        "Grade" : 100
    },
    {
        "student_number" : "105",
        "Name" : "Eka",
        "Subject" : "Programming Basic",
        "Grade" : 50
    },
    {
        "student_number" : "106",
        "Name" : "Feri",
        "Subject" : "Programming Basic",
        "Grade" : 40
    },
    {
        "student_number" : "107",
        "Name" : "Galih",
        "Subject" : "Programming Basic",
        "Grade" : 70
    },
    {
        "student_number" : "108",
        "Name" : "Huda",
        "Subject" : "Programming Basic",
        "Grade" : 70
    },
    {
        "student_number" : "109",
        "Name" : "Intan",
        "Subject" : "Programming Basic",
        "Grade" : 60
    },
    {
        "student_number" : "101",
        "Name" : "Andri",
        "Subject" : "Web Programming",
        "Grade" : 70
    },
    {
        "student_number" : "102",
        "Name" : "Budi",
        "Subject" : "Web Programming",
        "Grade" : 80
    },
    {
        "student_number" : "103",
        "Name" : "Cika",
        "Subject" : "Web Programming",
        "Grade" : 80
    },
    {
        "student_number" : "104",
        "Name" : "Dedi",
        "Subject" : "Web Programming",
        "Grade" : 90
    },
    {
        "student_number" : "105",
        "Name" : "Eka",
        "Subject" : "Web Programming",
        "Grade" : 90
    },
    {
        "student_number" : "106",
        "Name" : "Feri",
        "Subject" : "Web Programming",
        "Grade" : 60
    }
]
```

```
    },
    {
        "student_number" : "107",
        "Name" : "Galih",
        "Subject" : "Web Programming",
        "Grade" : 95
    },
    {
        "student_number" : "108",
        "Name" : "Huda",
        "Subject" : "Web Programming",
        "Grade" : 85
    },
    {
        "student_number" : "109",
        "Name" : "Intan",
        "Subject" : "Web Programming",
        "Grade" : 90
    },
    },
]
```

In [2]:

```
def nilailebih80(data_nilai):
    result = []

    for item in data_nilai:
        if item.get("Grade") > 80:
            result.append(item)

    return result
```

In [8]:

```
def printData(data_nilai):
    for item in data_nilai:
        print("=====")
        print("Student Number : ", item.get("student_number"))
        print("Nama : ", item.get("Name"))
        print("Subjects : ", item.get("Subject"))
        print("Grades : ", item.get("Grade"))
        print("=====")
        print("\n")
```

In [9]:

```
print("Data dengan nilai lebih dari 80\n")
printData(nilaiLebih80(data_nilai))
```

Data dengan nilai lebih dari 80

```
=====
Student Number : 102
Nama : Budi
Subjects : Programming Basic
Grades : 90
=====
```

```
=====
Student Number : 103
Nama : Cika
Subjects : Programming Basic
Grades : 100
=====
```

```
=====
Student Number : 104
Nama : Dedi
Subjects : Programming Basic
Grades : 100
=====
```

```
=====
Student Number : 104
Nama : Dedi
Subjects : Web Programming
Grades : 90
=====
```

```
=====
Student Number : 105
Nama : Eka
Subjects : Web Programming
Grades : 90
=====
```

```
=====
Student Number : 107
Nama : Galih
Subjects : Web Programming
Grades : 95
=====
```

```
=====
Student Number : 108
Nama : Huda
Subjects : Web Programming
Grades : 85
=====
```

```
=====
Student Number : 109
Nama : Intan
Subjects : Web Programming
Grades : 90
=====
```