

Jawaban No 1

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```

In [31]: Data_Nilai = [
    {
        "Student_Number" : "101",
        "Nama" : "Andri",
        "Subject" : "Programming Basic",
        "Grade" : 80
    },
    {
        "Student_Number" : "102",
        "Nama" : "Budi",
        "Subject" : "Programming Basic",
        "Grade" : 90
    },
    {
        "Student_Number" : "103",
        "Nama" : "Cika",
        "Subject" : "Programming Basic",
        "Grade" : 100
    },
    {
        "Student_Number" : "104",
        "Nama" : "Dedi",
        "Subject" : "Programming Basic",
        "Grade" : 100
    },
    {
        "Student_Number" : "105",
        "Nama" : "Eka",
        "Subject" : "Programming Basic",
        "Grade" : 50
    },
    {
        "Student_Number" : "106",
        "Nama" : "Feri",
        "Subject" : "Programming Basic",
        "Grade" : 40
    },
    {
        "Student_Number" : "107",
        "Nama" : "Galih",
        "Subject" : "Programming Basic",
        "Grade" : 70
    },
    {
        "Student_Number" : "108",
        "Nama" : "Huda",
        "Subject" : "Programming Basic",
        "Grade" : 70
    },
    {
        "Student_Number" : "109",
        "Nama" : "Intan",
        "Subject" : "Programming Basic",
        "Grade" : 60
    },
    {
        "Student_Number" : "101",
        "Nama" : "Andri",
        "Subject" : "Web Programming",
        "Grade" : 70
    },
    {
        "Student_Number" : "102",
        "Nama" : "Budi",
        "Subject" : "Web Programming",
        "Grade" : 80
    },
    {
        "Student_Number" : "103",
        "Nama" : "Cika",
        "Subject" : "Web Programming",
        "Grade" : 80
    },
    {
        "Student_Number" : "104",
        "Nama" : "Dedi",
        "Subject" : "Web Programming",
        "Grade" : 90
    },
    {
        "Student_Number" : "105",
        "Nama" : "Eka",
        "Subject" : "Web Programming",
        "Grade" : 90
    },
    {

```

```
In [47]: print("Data dengan nilai lebih dari 80\n")
printData(Nilailebih80(Data_Nilai))

    "Student_Number" : "106",
    "Nama" : "Feri",
    "Subject" : "Web Programming",
    "Grade" : 60
},
{
    "Student_Number" : "107",
    "Nama" : "Galih",
    "Subject" : "Web Programming",
    "Grade" : 95
},
{
    "Student_Number" : "108",
    "Nama" : "Huda",
    "Subject" : "Web Programming",
    "Grade" : 85
},
{
    "Student_Number" : "109",
    "Nama" : "Intan",
    "Subject" : "Web Programming",
    "Grade" : 90
}
]
```

```
In [45]: def Nilailebih80(Data_Nilai):
    result = [ ]

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

    return result
```

```
In [46]: def printData(Data_Nilai):
    for item in Data_Nilai:
        print("=====")
        print("Student Number :", item.get("Student_Number"))
        print("Student Number :", item.get("Nama"))
        print("Student Number :", item.get("Subject"))
        print("Grade :", item.get("Grade"))
        print("=====")
        print("\n")
```

Data dengan nilai lebih dari 80

```
=====
Student Number : 102
Student Number : Budi
Student Number : Programming Basic
Grade : 90
=====
```

```
=====
Student Number : 103
Student Number : Cika
Student Number : Programming Basic
Grade : 100
=====
```

```
=====
Student Number : 104
Student Number : Dedi
Student Number : Programming Basic
Grade : 100
=====
```

```
=====
Student Number : 104
Student Number : Dedi
Student Number : Web Programming
Grade : 90
=====
```

```
=====
Student Number : 105
Student Number : Eka
Student Number : Web Programming
```

```
Grade : 90
=====

=====
Student Number : 107
Student Number : Galih
Student Number : Web Programming
Grade : 95
=====

=====
Student Number : 108
Student Number : Huda
Student Number : Web Programming
Grade : 85
=====

=====
Student Number : 109
Student Number : Intan
Student Number : Web Programming
Grade : 90
=====
```