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## Quiz-3

### 1. Program Menentukan Harga Bensin

```
1 #1
2 judul = "PROGRAM MENAMPILAKAN HARGA BENSIN"
3 print(judul.center(40))
4 print("="*40)
5 satuan = 0
6 harga = 0
7 a = 0
8 b = float(input("Masukkan Bensin yang akan di beli : "))
9 print("="*40)
10 print("Satuan      |      Harga      |")
11 while a < 100:
12     a += 1
13     satuan = a * 0.5
14     harga = a * 800
15
16
17     print("="*40)
18     print(f"{satuan} ltr      |      Rp. {harga}      |")
19     if satuan == b:
20         break
21
22 print(f"""\nAnda Membeli {b} liter Bensin,
23 Maka Anda Harus Membayar Rp. {harga}""")
```

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PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-Python Language/3-PYTHON-QUIZ/1.py"  
PROGRAM MENAMPILAKAN HARGA BENSIN  
=====  
Masukkan Bensin yang akan di beli : 4  
  
Satuan | Harga |  
-----  
0.5 ltr | Rp. 800 |  
-----  
1.0 ltr | Rp. 1600 |  
-----  
1.5 ltr | Rp. 2400 |  
-----  
2.0 ltr | Rp. 3200 |  
-----  
2.5 ltr | Rp. 4000 |  
-----  
3.0 ltr | Rp. 4800 |  
-----  
3.5 ltr | Rp. 5600 |  
-----  
4.0 ltr | Rp. 6400 |  
  
Anda Membeli 4.0 liter Bensin,  
Maka Anda Harus Membayar Rp. 6400  
PS C:\AI-Python Language>

### 2. Program Membuat Baris Bilangan

```
3-PYTHON-QUIZ > 2.py > ...
1 #2
2 a = int(input("Masukkan Batas : "))
3 b = 1
4 while b <= a :
5     print(b)
6
7     b = b + 1
```

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PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-Python Language/3-PYTHON-QUIZ/2.py"  
Masukkan Batas : 6  
1  
2  
3  
4  
5  
6  
PS C:\AI-Python Language>

### 3. Program Menentukan Rata-rata & Total

```
3-PYTHON-QUIZ > 3.py > ...
1 #3
2 print("="*45)
3 judul = "PROGRAM MENGHITUNG NILAI RATA-RATA & TOTAL"
4 print(judul.center(45))
5 print("="*45)
6 i = int(input("Banyaknya Data: "))
7
8 data = []
9 jum = 0
10 for n in range(0, i):
11     temp = int(input("Masukkan data ke-%d: " % (n+1)))
12     data.append(temp)
13     jum += data[n]
14     rata2 = jum / i
15
16
17 print("\nRata-rata = ", rata2)
18 print("\nTotal = ", jum)
19
```

```
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PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-Python Language/3-PYTHON-QUIZ/3.py"
=====
PROGRAM MENGHITUNG NILAI RATA-RATA & TOTAL
=====
Banyaknya Data: 4
Masukkan data ke-1: 78
Masukkan data ke-2: 90
Masukkan data ke-3: 60
Masukkan data ke-4: 80

Rata-rata = 77.0
Total = 308
PS C:\AI-Python Language>
```

### 4. Program Menentukan Perpangkatan

```
3-PYTHON-QUIZ > 4.py > ...
1 #4
2 print("Program Menghitung Perpangkatan")
3
4 a = int(input("Masukkan Bilangan Real = "))
5 b = int(input("Masukkan Bilangan Pangkat = "))
6
7 result = a**b
8 print(f"Hasilnya = {result}")
9
```

```
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PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-Python Language/3-PYTHON-QUIZ/4.py"
Program Menghitung Perpangkatan
Masukkan Bilangan Real = 4
Masukkan Bilangan Pangkat = 2
Hasilnya = 16
PS C:\AI-Python Language>
```

### 5. Program Menentukan Faktorial

```
3-PYTHON-QUIZ > 5.py > ...
1 #5
2 result = 1
3 n = int(input("Masukkan bilangan bulat : "))
4
5 for i in range(1, n + 1):
6     result *= i
7
8 print(f"Faktorial dari {n} adalah {result}")
```

```
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PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-Python Language/3-PYTHON-QUIZ/5.py"
Masukkan bilangan bulat : 4
Faktorial dari 4 adalah 24
PS C:\AI-Python Language>
```

### 6. Program Game Menebak Angka

```
3-PYTHON-QUIZ > 6.py > ...
1 #6
2 trying = 0
3 secret_number = 7
4 limit = 3
5
6 while trying < limit :
7     guess_number = input("Masukkan angka (0-10) : ")
8     guess_number = int(guess_number)
9
10    if guess_number > secret_number :
11        print("Angka Tebakan Lebih Besar")
12    if guess_number < secret_number :
13        print("Angka Tebakan Lebih kecil")
14    if guess_number == secret_number :
15        print("Selamat Anda Berhasil Menebak")
16        break
17    trying += 1
```

```
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PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-Python Language/3-PYTHON-QUIZ/6.py"
Masukkan angka (0-10) : 6
Angka Tebakan Lebih kecil
Masukkan angka (0-10) : 8
Angka Tebakan Lebih Besar
Masukkan angka (0-10) : 7
Selamat Anda Berhasil Menebak
PS C:\AI-Python Language>
```

## 7. Program Penjumlahan deret yang di tentukan titik awal dan akhinya

```
3-PYTHON-QUIZ > 7.py > ...
1 x = int(input("x = "))
2 y = int(input("y = "))
3 jml = 0
4 print("\n")
5 for n in range(x + 1, y):
6     x += 1
7     jml += n
8     print(n, end=" ")
9
10 print(f"\nHasil Penjumlahan = {jml}")
11
```

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PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-Python Language/3-PYTHON-QUIZ/7.py"  
x = 4  
y = 11

5 6 7 8 9 10  
Hasil Penjumlahan = 45  
PS C:\AI-Python Language>

## 8. Gak tau