

1. PERCABANGAN IF

```
tyreenia > tyreenia.py > ...
1  is_day = False
2  is_night = False
3
4  if is_day:
5      print("selamat siang")
6  elif is_night:
7      print("selamat malam")
8  else:
9      print("tyree nia")
10
```

```
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Windows PowerShell
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PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/tyreenia/tyreenia.py
tyree nia
PS C:\Users\USER\Desktop>
```

2. OPERATOR PERBANDINGAN

```
tyreenia > tyreenia.py > ...
1  grade = 6
2
3  if grade >= 2:
4      print("Nilai kamu A")
5  elif grade >= 7:
6      print("Nilai kamu B")
7  elif grade >= 4:
8      print("Nilai kamu C")
9  else:
10     print("Lebih rajin lagi ya belajarnya")
11
```

```
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PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/tyreenia/tyreenia.py
Nilai kamu A
PS C:\Users\USER\Desktop> "lebih rajin lagi ya belajarnya"
lebih rajin lagi ya belajarnya
PS C:\Users\USER\Desktop> "nilai kamu b"
nilai kamu b
PS C:\Users\USER\Desktop>
```

3. OPERATOR LOGIKA

```
tyreenia > tyreenia.py > nama
1  nama = "Tyree nia"
2  validator = True
3
4  if len(nama) > 4 and Validator:
5      print(f"Selamat datang {nama}")
6  else:
7      print("Nama terlalu pendek")
8
9  # False or True = True
10 # True or False = True
11 # True and False = False
12 # True and True = True
13
```

```
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PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/tyreenia/tyreenia.py
Selamat datang Tyree nia
PS C:\Users\USER\Desktop> "nama terlalu pendek"
nama terlalu pendek
PS C:\Users\USER\Desktop> 
```

4. PERULANGAN WHILE

```
tyreenia > tyreenia.py > ...
1  cetak = 1
2
3  while cetak < 3:
4      print("#" * cetak)
5      cetak += 1
6
7  print("Finish")
8
```

```
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PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/tyreenia/tyreenia.py
#
##
Finish
PS C:\Users\USER\Desktop> 
```


5. GAME TEBAK ANGKA

```
tyreenia > tyreenia.py > ...
1  anomor = (10 + 5) * 2 ** 4
2  print("nomor")
3  #TANDA KURUNG
4  #PERPANGKATAN
5  #PERKALIAN ATAU PEMBAGIAN
6  #PEJUMLAHAN ATAU PENGURANGAN
7  
```

```
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PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/tyreenia/tyreenia.py
nomor
PS C:\Users\USER\Desktop> 240
240
PS C:\Users\USER\Desktop> 
```

6. APLIKASI KALKULATOR

```
tyreenia > tyreenia.py > [e] nomor
1  nomor = 8.8
2  nomor = round(nomor)
3  print(nomor)
4  
```

```
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PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/tyreenia/tyreenia.py
9
PS C:\Users\USER\Desktop> 
```