Tutor python

```python
#Percabangan If
is_day=False
is_night=False

if is_day:
    print("Selamat siang")
elif is_night:
    print("Selamat Malam")
else:
    print("Selamat suka suka")

print("Selamat menikmati harimu")

#Operator perbandingan
grade=5

if grade >= 8:
    print("Nilai kamu A")
elif grade >= 7:
    print("Nilai kamu B")
elif grade >= 6:
    print("Nilai kamu C")
else:
    print("Silahkan belajar lagi dengan tekun")

#operator Logika
name="Agung Setiawan"
by_pass_validation=False

if len(name)>3 and by_pass_validation:
    print("Welcome")
else:
    print("Nama terlalu pendek")

#Perulangan While
index=1

while index <= 5:
    print("*"*index)
    index += 1

print("Finish")

#Game tebak angka
trying=0
secret_number=7
limit=3
```

```python
while trying < limit:
    guess_number=input("Masukkan angka (1-9) : ")
    guess_number=int(guess_number)

    if guess_number == secret_number:
        print("Selamat, kamu menang")
        break

    trying +=1

#Aplikasi kalkulator
command=""

while command != "exit":
    command=input("Perintah : ")
    if command == "exit":
        break
    if command != "+" and command != "-" and command != "*" and command !=
"/":
        print("Perintah tidak dikenali")
        continue

    a=int(input("angka pertama : "))
    b=int(input("Angka kedua: "))

    if command == "+":
        result=a+b
    elif command == "-":
        result=a-b
    elif command == "*":
        result=a*b
    elif command == "/":
        result=a/b

    print(f"Hasil : {result}")

print("Terimakasih telah menggunakan aplikasi ini")
```

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