Expression	Symbol description	Result
2 == 4	equals	False
5 > 3	greater than	True
4 >= 4	greater than or equal to	True
3 < 2	less than	False
7 <= 7	less than or equal to	True
8 != 9	not equal	True

Expression	Symbol description	Result
test_score == 50	equals	False
test_score > 40	greater than	True
test_score >= 60	greater than or equal to	False
test_score < 40	less than	False
50 <= test_score	less than or qual to	True
56 != test_score	not equal	False

Expression	Result
True and True	True
True and False	False
False and True	False
False and False	False
True or True	True
True or False	True
False or True	True
False or False	False
not(True)	False
not(False)	True

Operator	When it evaluates to True
and	When the statements do not contain False
or	When the statements contain True

4.. The code uses the condition of the variable of 'test score' amounting to greater than 50 to determine which code to carry out

5.

```
age = int(input("Enter your age: "))
if age >= 18:
print("You are old enough to vote")
if age >= 65:
print("You are old enough to retire")

num = input("Please enter a number between 1 and 20: ")
if num > 20:
print("This is larger than 20")
```

```python
elif num < 1":
print("This number is less than 1")
else:
print("This is within the range required")
```