

ConcepTest

```
age = int(input("Enter your age: "))
if age < 18:
    print("minor")
elif age >= 18 and age < 30:
    print("adult")
elif age >= 30:
    print("older than Dan")
else:
    print("ageless")
```

What can be removed without changing what the code does?

- ▶ A. The red code (i.e. `age >= 18`) can be removed
- ▶ B. The blue code (i.e. the last two lines) can be removed
- ▶ C. Both the red and blue code can be removed
- ▶ D. Nothing can be removed

ConceptTest

age	experience		
	0	1-2	3+
under 18	\$6.50	\$9.50	\$11.00
18 and over	\$6.50	\$12.00	\$12.00

```
if experience == 0:
```

```
    wage = 6.5
```

```
elif (1) :
```

```
    if (2) :
```

```
        wage = 9.5
```

```
    else:
```

```
        wage = 11
```

```
else:
```

```
    wage = 12
```

What goes in the two numbered blanks?

- ▶ A. (1) `experience > 0`, (2) `experience >= 1`
- ▶ B. (1) `age < 18`, (2) `experience != 3`
- ▶ C. (1) `age < 18`,
(2) `experience == 1 or experience == 2`

ConceptTest

What does the following code do?

You may assume $\text{len}(s1) \leq \text{len}(s2)$ are the same length.

```
def mystery(s1, s2):  
    new = ''  
    for i in range(len(s1)):  
        if (s1[i] == s2[i]):  
            return True  
    return False
```

- ▶ A. Checks if s1 and s2 are the same string.
- ▶ B. Checks if s2 begins with the substring s1.
- ▶ C. Checks if the first character of s1 and s2 are the same.
- ▶ D. None of the above.