CSI31 **Lecture 6** **In-class assignment**:

1. Write a program using some of the blocks given bellow that takes the temperature measurement (in degrees Fahrenheit) as an input, and displays **«It is too hot outside. Stay inside, if you can.»** if the temperature reading is more than 90°, displays **«Have a good walk!»** if the temperature is between 90° and 70° (including), and "**Take a jacket!**" if the temperature is below 70.

```
n = float(input("Please enter the temperature in degrees Fahrenheit:"))
```

```
if n <= 90:
  print("Have a good walk!")
```

```
if n >= 90:
  print("It is too hot outside. Stay inside, if you can.")
```

```
if n > 90:
  print("It is too hot outside. Stay inside, if you can.")
```

```
if 70 <= n <= 90:
  print("Have a good walk!")
```

```
if n <= 70:
  print("Take a jacket!")
```

```
if n < 70:
  print("Take a jacket!")
```

Answer:

```
n = float(input("Please enter the temperature in degrees
Fahrenheit:"))

if n > 90:
  print("It is too hot outside. Stay inside, if you can.")

if 70 <= n <= 90:
  print("Have a good walk!")

if n < 70:
  print("Take a jacket!")
```

2. Can you predict the output for the following code if the entered value is

a) 4

b) 7

without using Python interpreter?

```
def main():
  n = int(input("Please enter an integer
value:"))

  if n > 4:
    n = n-10
  else:
    n = n + 10

  n = n+2

  if n >= 0:
    print("A")
  else:
    print("B")

main()
```

Answer:

a) B

b) A