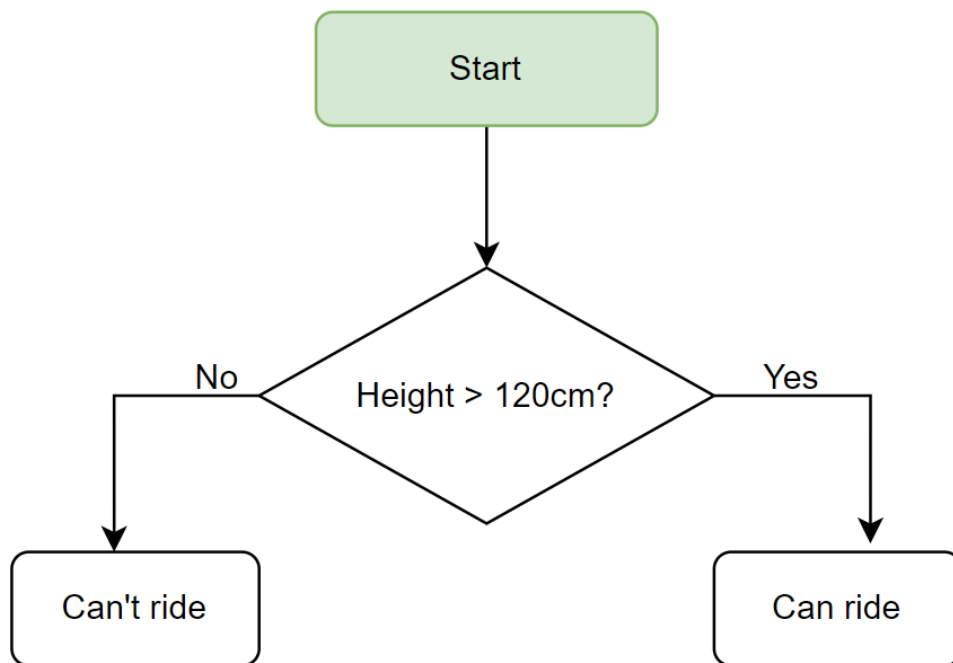## Lecture 003

Control Flow and Logical Operator

Conditional Statements

If else statements

Comparison Operator

== Equal operator

.>Greater than

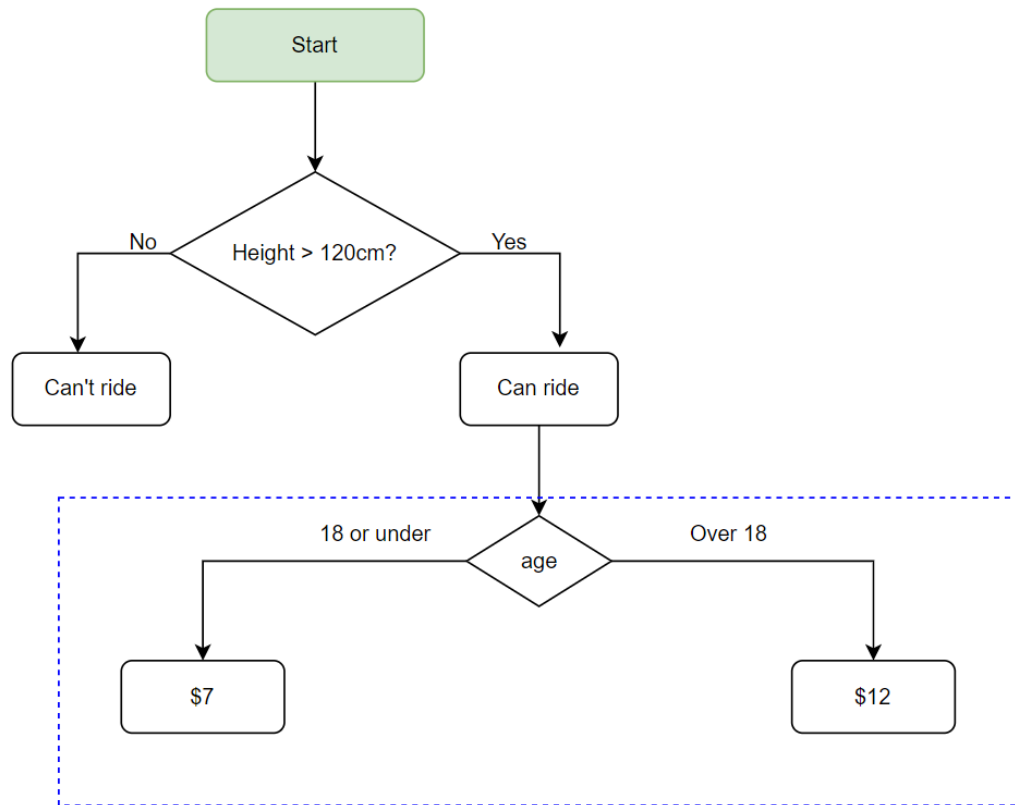< less than

.>= greater than and equal

<= less than or equal

```
In [4]:  print(" Welcome to Rolller Coster!")
         height = int(input(" What is your hight in Cm?"))
         if height >120:
             print(" You can ride the RollerCoster!")
         else:
             print("Sorry, You have to grow taller before you can ride the Roaster")
```

```
 Welcome to Rolller Coster!
 What is your hight in Cm?120
Sorry, You have to grow taller before you can ride the Roaster
```
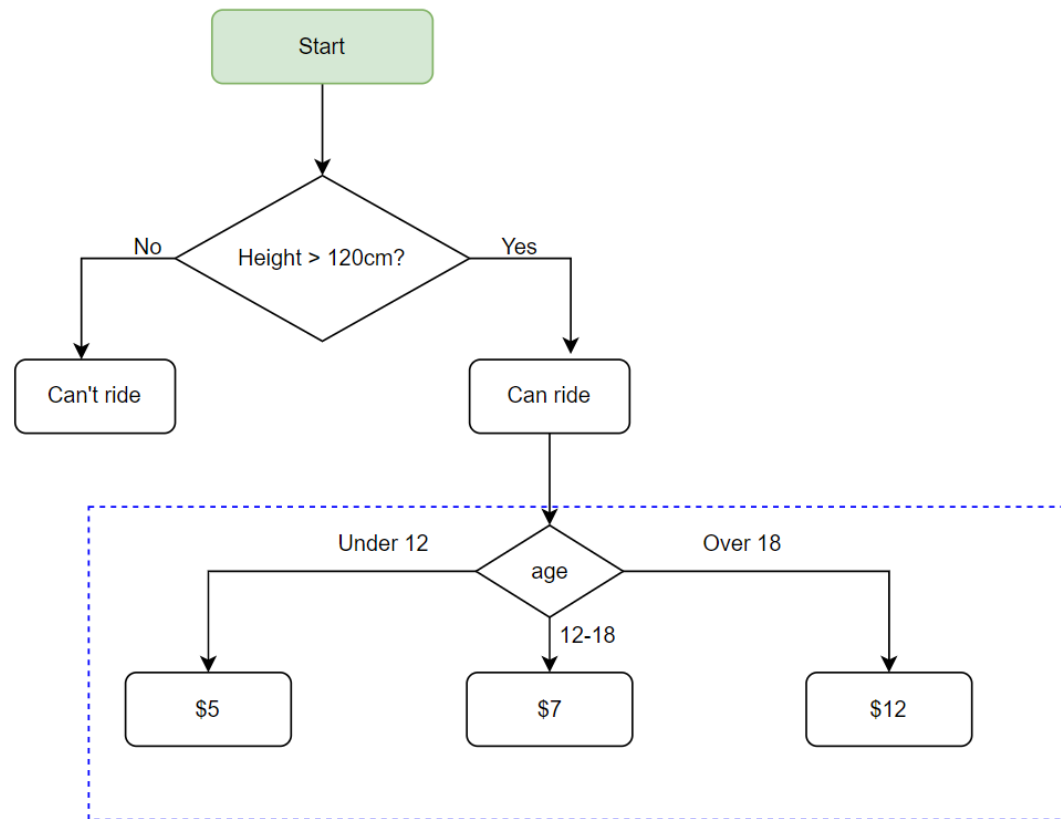
Nested If/ Else:


```
In [9]:  print(" Welcome to Rolller Coster!")
         height = int(input(" What is your hight in Cm?"))
         if height >120:
             print(" You can ride the RollerCoster!")
             age = int(input("What is your age? "))
             if age<= 18:
                 print(" Please Pay $7.")
             else:
                 print("Please Pay $12.")
         else:
             print("Sorry, You have to grow taller before you can ride the Roaster")
```

```
 Welcome to Rolller Coster!
 What is your hight in Cm?200
 You can ride the RollerCoster!
What is your age? 18
 Please Pay $7
```

Elif Statments

In [11]:
```python
print(" Welcome to Rolller Coster!")
height = int(input(" What is your hight in Cm?"))
if height >120:
    print(" You can ride the RollerCoster!")
    age = int(input("What is your age? "))
    if age<12:
        print(" Please Pay $5.")
    elif age<=18:
        print(" Please Pay $7.")

    else:
        print("Please Pay $12.")
else:
    print("Sorry, You have to grow taller before you can ride the Roaster")
```

```
 Welcome to Rolller Coster!
 What is your hight in Cm?1234
 You can ride the RollerCoster!
What is your age? 23
Please Pay $12.
```

In [ ]: