Problem: 6

JPO

Input:

Ride, Age, Height

Process:

Check the ride

If it is Danga then ~~the~~ age should be ~~greater than~~ 10, and height should be 48 inc then he is Eligible

ElseIf Ride is Sky Swing then ~~age~~ height should be 54 inc then is Eligible

ElseIf Ride is Carousel then age should be 5 then he is Eligible

Else

Not Found

Output:

Eligible or Not

Pseudocode

Start

Input " Enter the Age "

    a := Enter the Age

Input " Enter the Height "

    b := Enter the Height

Input " Enter the Ride "

    c := Enter the Ride

```
Input " Band "
    d := Band

If
        d == True
```

~~If~~
~~Else If~~
    c == Dongo Then
      If
        b => 48 inc AND a =>10 Then
        Print "Eligible"
      Else
        Print "Not Eligible"
Else If
    c == Sky Swing Then
      If
        b => 54 inc AND Then
        Print "Eligible"
      Else
        Print "Not Eligible
Else If
    c == Carousel Then
      If
        a => 5 Then
        Print "Eligible"
      Else
        Print "Not Eligible"
Else
    Print "Not Found"
~~End~~
Else
    Print "Enter the Band"
End

```
                              Start

                    ┌──────────────────┐
                    │   a:= Age        │
                    │   b:= Height     │
                    │   c:= Ride       │
                    │   d:= Band       │
                    └──────────────────┘
                              │
                    ┌──────────────────┐
                    │  a,b,c & d       │◄──────────────┐
                    └──────────────────┘               │
                              │                        │
                         ◇ d == Present ◇──No──────────┘
                              │
                             Yes
                              │
        ◇ c == Dango ◇──No──► ◇ c == Sky Swing ◇──No──► ◇ c == Carousel ◇──No──►
              │                      │                         │              Not Found
             Yes                    Yes                       Yes
              │                      │                         │
  No   ◇ b=>48 inc      ◇ b=>54 ◇           ◇ a=>5 ◇
       │    And      │ No    │          No │      │
       │    a=>10 ◇         Yes            │     Yes
       │      │               │            │      │
       │     Yes              │            │      │
       │                      │            │      │
 ┌──────────────┐      ┌──────────────┐
 │ Not Eligible │      │   Eligible   │
 └──────────────┘      └──────────────┘
        │                      │
        └──────────► End ◄──────┘
```