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| --- |
| import turtle |
|  | import time |
|  | wn= turtle.getscreen() |
|  | wn.title("Stoplight By chitra") |
|  | wn.bgcolor("white") |
|  |  |
|  |  |
|  | pen= turtle.Turtle() |
|  | pen.color("yellow") |
|  | pen.width(3) |
|  | pen.hideturtle() |
|  | pen.penup() |
|  | pen.goto(-20, 50) |
|  | pen.pendown() |
|  | pen.fd(50) |
|  | pen.rt(80) |
|  | pen.fd(100) |
|  | pen.rt(70) |
|  | pen.fd(50) |
|  | pen.rt(70) |
|  | pen.fd(100) |
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|  |  |
|  | red\_light =turtle.Turtle() |
|  | red\_light.shape("circle") |
|  | red\_light.color("blue") |
|  | red\_light.penup() |
|  | red\_light.goto(0, 30) |
|  |  |
|  |  |
|  | yellow\_light =turtle.Turtle() |
|  | yellow\_light.shape("circle") |
|  | yellow\_light.color("blue") |
|  | yellow\_light.penup() |
|  | yellow\_light.goto(0, 0) |
|  |  |
|  | green\_light =turtle.Turtle() |
|  | green\_light.shape("circle") |
|  |  |
|  | green\_light.color("blue") |
|  | green\_light.penup() |
|  | green\_light.goto(0, -30) |
|  |  |
|  |  |
|  | while True: |
|  | yellow\_light.color("blue") |
|  | red\_light.color("red") |
|  | print("Red light Blinked - Now vehicle Stop behind zebra cross..") |
|  | print("Blink!!") |
|  | time.sleep(3) |
|  | print("Blink!!") |
|  |  |
|  | red\_light.color("grey") |
|  | green\_light.color("green") |
|  | print("Green light on- Now vehicle can go..") |
|  | print("Blink!!") |
|  | time.sleep(4) |
|  | print("Blink!!") |
|  |  |
|  | green\_light.color("grey") |
|  | yellow\_light.color("yellow") |
|  | print("Yellow light Blinked- Now vehicle Ready to go..") |
|  | print("Blink!!") |
|  | time.sleep(2) |
|  | print("Blink!!") |
|  |  |
|  |  |
|  | wn.mainloop() |