## **PyGame**

```
import pygame,sys
from pygame.locals import *
def function back sceen(screen):
  pygame.draw.line(screen, (250, 155, 100), [0,0], [600,0], 50)
  pygame.draw.line(screen, (250, 155, 100), [0, 200], [600, 200], 50)
  pygame.draw.line(screen, (250, 155, 100), [0, 0], [0, 200], 50)
  pygame.draw.line(screen, (90, 255, 10), [600, 0], [600, 200], 50)
def function object update(screen,x,y):
  screen.fill((0, 0, 0));
  function_back_sceen(screen);
  image = pygame.image.load(r'tree.jpg')
  screen.blit(image, (400,135))
  screen.blit(image, (350, 135))
  pygame.draw.circle(screen, (255, 0, 0), (x, y), 5);
  pygame.draw.rect(screen, (10, 155, 100), (x - 15, y + 8, 30, 2));
  pygame.draw.rect(screen, (10, 155, 100), (x - 4, y + 12, 8, 20));
  pygame.draw.line(screen, (10, 155, 100), [x - 6, y + 40], [x, y + 32], 5)
  pygame.draw.line(screen, (10, 155, 100), [x, y + 32], [x + 4, y + 40], 5)
  pygame.display.update();
def function display():
  pygame.init();
  screen = pygame.display.set mode((600, 200));
  font = pygame.font.SysFont('tahoma', 40)
  label = font.render("Congratulations",1, (0, 255, 255))
  x=45;v=30;
  function_object_update(screen,x,y);
  while True:
    for event in pygame.event.get():
      if event.type== QUIT:
         sys.exit();
      if event.type == KEYDOWN:
         if event.key==K LEFT:
           if (x>45 and x<340) or (x>465) or (x>45 and y<100):
             x = x - 5;
         if event.key==K RIGHT:
           if (x > 460 \text{ and } x < 560) \text{ or } (x < 335) \text{ or } (x < 560 \text{ and } y < 100):
             x = x + 5;
```

```
if event.key==K_UP:
    if y > 30:
        y = y - 5;
    if event.key==K_DOWN:
        if (y < 135 and ((x > 40 and x < 340) or (x > 460 and x < 565))) or (y < 95):
        y = y + 5;
        function_object_update(screen,x,y);
        if (x==560):
            screen.fill((0, 0, 0));
            screen.blit(label,(200,50))
            pygame.display.update();

if __name__ =='__main__':
        function_display()</pre>
```

