



# Testimi i Softuerit

---

valdete.daku@gmail.com

# Testimi i Softuerit

---



- Cka kuptojme me testim?
- Kush eshte testuesi?
- Kur duhet te filloj testimi?
- Kur duhet te perfundoj testimi?
- Si duhet testuar?









# Si duhet testuar

---



- Kuptojme se cka duhet te beje softueri – FUNKSIONALITETI
- Percaktohet menyra si do te verifikojme funksionimin e sakte
- Percaktojme strategjine qe do te erdoret
- Caktohen personat pergjegjes per testim
- Kryhet verifikimi
- Krijhen test Case-at etj etj...





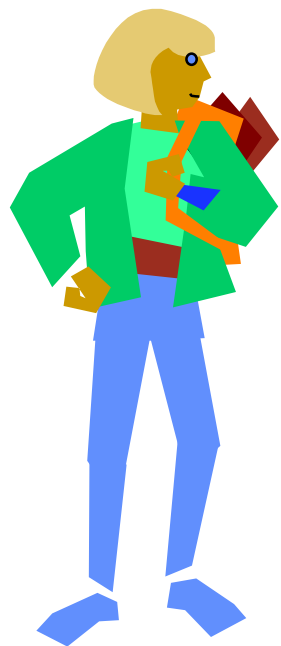


# Error - Fault – Failure

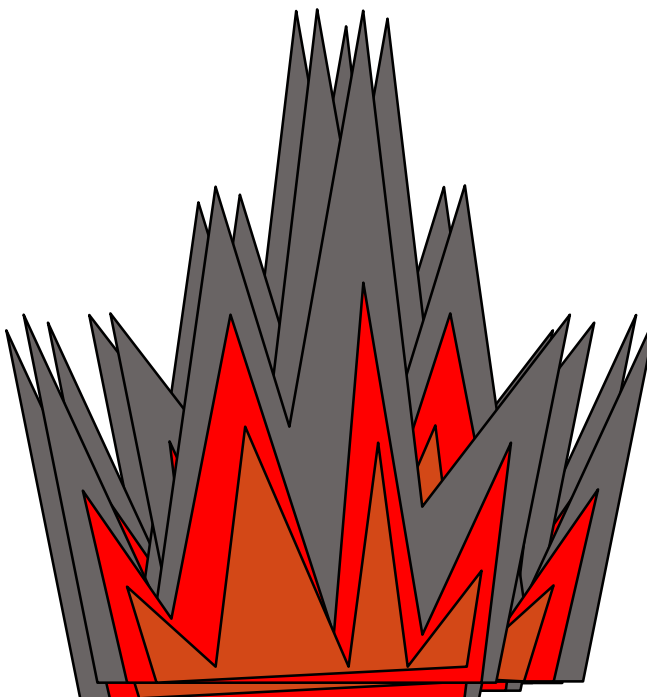
Gabim – Faji - Deshtimi



Nje person ben nje gabim (errorr) ...



... qe krijon nje "faj" (fault) ne software ...

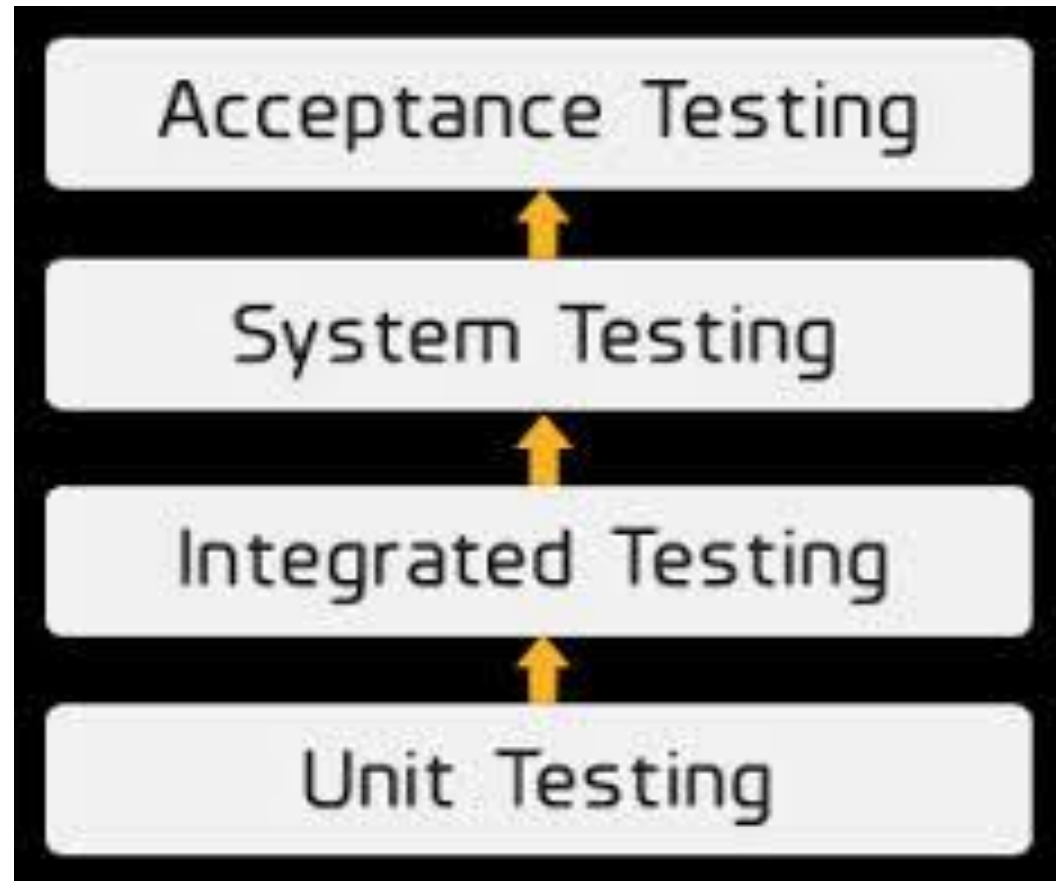


...i cili te shkaktoj nje deshtim (failure) ne operacion



# Software Testing - Levels

---



# Software Testing - Metodati

---

White Box Testing

Black Box Testing

Grey Box Testing

---

# Unit Testing

# Shembull - 2

---

```
if(x - 100 <= 0)
    if(y - 100 <= 0)
        if(x=y - 200 == 0)
            crash ()
```

Per cfar vlera te X dhe Y kemi nje Crash?







# Detyre - 3: Eshte dhene kodi



```
Public int countPositive(int[x])
{
  Int count ==0;
  For(int i= 0; i<x.length; i--)
    {
      if (x[i]>=0)
        {
          count++;
        }
    }
  Return count;
}

//test: X=[-4,2,0,2] (expected=2)
```



# Kerkesat per detyrat 1-4

---

- Kupto problemin permes kodit
- Identifiko gabimet (faults)
- Identifiko nje rast qe nuk shkakton gabim
- Korigjo gabimin dhe ri-testo
- Zhvillo pseudo-kodet ne cosole ose w. form



---

# PYETJE?

