```
1) Predicates are different
```

-> we cannot unify if predicates are different

2) Mismatch in number of arguments

-> we cannot unify if number of arguments are different.

3) Arguments are constants

Fut if some are constants unifocation is possible in some

(U, SI):

if stanse:

refurn table

electif variable (c):

if 5 in 52:

unify():

flag = 0

for i in range (count - 1)

for i in range (argument ([:]): if (args[i][j]!=args[i+1][j]):

flag = 0

if (flag = = 0):

substitution (augs[i+1](j], angs[i](j])

flag += 1

il flag == 0:

print ("Arguments are identical")

flag += 1

```
check ():
   Acq1 = 0
   flag 2 = 0
   for i in range (count -1)
        if (preds [i]! = preds(i+i]):
              print (" Not same,")
                flag 121
                hreak
    if (fliag !! : 1):
      "ind = 0
       key = aga minte [ind]
       length = len (argument C)
        for i in range (0, keg-1):
             if is= key:
                Continue
             if ind ! = length -1:
                 ind += 1
                 Key = agament ([ind]
             if argument ([i] != argument ([i+1):
                    print (" Number of against not same")
                     flag 2 = 1
                      break
                if flog 2 = 0 and flag 1 !=1 ;
                   unify ()
```

```
Anogh karhodkar
Count = 0
                                                              18M184014
argument = [More for in marge (10)]
preds = [More for 1 in range (10)]
angs = [ (More for i en range (10)) for in in range (10)]
main():
 global count
  chae = 'y'
  while char == 'y':
        counts int (input ("Enter number of predicates"))
        for in range (count):
            print (" Fater prediate ", (it1), ":")
            preds (:7= input)
             print ("Enter no. of aguments")
            argument ((i) = int(input())
            for ; in range (assument ([:]):
                  print ("enter assument")
                 augs Ci) (;1 = input()
         print Ans ()
         pred Check()
  printAns():
      print ("The given predicates one")
      for I in range (count):
         print ( preds [i])
      · for in range (augusaent ([i]):
             print ( age (1763)
             if ( j! = aegument ( [ : ] - ].
                  print (",", end = "")
```