```
#function to do the transition from start state on getting c
def start(c):
    #check if c is a digit
    if(c.isdigit()):
    #if yes, go to next state
        dfa=1
    else:
        dfa=-1
    return dfa

#function to do the transition from state1 on getting c
def state1(c):
    #check if c is a digit
    if(c.isdigit()):
        #if yes, go to next state
        dfa=2
    else:
        dfa=-1
    return dfa

#function to do the transition from state2 on getting c
def state2(c):
    #check if c is a digit
    if(c.isdigit()):
        #if yes, go to next state
        dfa=3
    else:
        dfa=-1
    return dfa

#function to do the transition from state3 on getting c
def state3(c):
    #check if c is a digit
    if(c.isdigit()):
        #if yes, go to next state
        dfa=4
    else:
        dfa=-1
    return dfa

#function to do the transition from state4 on getting c
def state4(c):
    #check if c is a digit
    if(c.isdigit()):
    #if yes, go to next state
        dfa=5
    else:
        dfa=-1
    return dfa

#function to do the transition from state5 on getting c
def state5(c):
    #check if c is a digit
    if(c.isdigit()):
        #if yes, go to next state
        dfa=6
    else:
        dfa=-1
    return dfa

#function to do the transition from state6 on getting c
def state6(c):
    #check if c is a digit
    if(c.isdigit()):
        #if yes, go to next state
        dfa=7
    else:
        dfa=-1
    return dfa

#function to do the transition from state7 on getting c
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```
#function to do the transition from state7 on getting c
def state7(c):
    #if more symbol after state 7 occur, set dfa to -1
    dfa=-1
    return dfa

#function to check if string is accepted or not?
def isAccepted(string):
    #set dfa to 0th state
    dfa=0
    #traverse thestring and do transition accordingly
    for i in string:
        if (dfa==0):
            dfa=start(i)
        elif (dfa==1):
            dfa=state1(i)
        elif (dfa==2):
            dfa=state2(i)
        elif (dfa==3):
            dfa=state3(i)
        elif (dfa==4):
            dfa=state4(i)
        elif (dfa==5):
            dfa=state5(i)
        elif (dfa==6):
            dfa=state6(i)
        elif (dfa==7):
            dfa=state7(i)
        else:
            return 0
    #check if dfa stops at state 7
    if (dfa==7):
        #if yes, return 1
        return 1
    else:
        return 0

#take user input of string
string=input()
#call function to check if string is accepted
if (isAccepted(string)):
    print("Accepted")
else:
    print("Not Accepted")
```