A.I

LAB TASK 1

Name: Syed Muzzamil Waseem

SID: 11067

from random import randint

env=["A","B"]

acctuator=["This room is clean.","This room is dirty."]

def A(i):

index=i

for a in env:

if index==0:

print("Room A:")

print(acctuator[index])

print("The vacuum cleaner is now moving in Room B...\n")

return B(randint(0, 1))

elif index==1:

print("Room A:")

print(acctuator[index])

print("Room A is getting cleaned...\n")

index=index-1

def B(i):

index=i

for b in env:

if index==0:

print("Room B:")

return(acctuator[index])

elif index==1:

print("Room B:")

print(acctuator[index])

print("Room B is getting cleaned...\n")

index=index-1

A(randint(0, 1))



