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num=print('Select any number of your choice between 1 to 10')
y=''
a=[1,9,7,5]
b=[4,2,3,10]
c=[6,10,1,3]
d=[2,9,7,4]
e=[5,8,9,10]
f=[2,3,6,7]
g=[1,7,8,6]
h=[3,5,2,9]
i=[7,4,5,1]
q1=input('is the selected number present in a? = [1,9,7,5]')
if q1=='yes':
    y+='a'
q1=input('is the selected number present in b?=[4,2,3,10]')
if q1=='yes':
    y+='b'
q1=input('is the selected number present in c?=[6,10,1,3]')
if q1=='yes':
    y+='c'
q1=input('is the selected number present in d?=[2,9,7,4]')
if q1=='yes':
    y+='d'
q1=input('is the selected number present in e?=[5,8,9,10]')
if q1=='yes':
    y+='e'
q1=input('is the selected number present in f?=[2,3,6,7]')
if q1=='yes':
    y+='f'
q1=input('is the selected number present in g?=[1,7,8,6]')
if q1=='yes':
    y+='g'
q1=input('is the selected number present in h?=[3,5,2,9]')
if q1=='yes':
    y+='h'
q1=input('is the selected number present in i?=[7,4,5,1]')
if q1=='yes':
    y+='i'
if y=='acgi':
    print('the selected number is 1')
elif y=='bdfh':
    print('the selected number is 2')
elif y=='bcfh':
    print('the selected number is 3')
elif y=='bd1':
    print('the selected number is 4')
elif y=='aehi':
    print('the selected number is 5')
elif y=='cfg':
    print('the selected number is 6')

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elif y=='adfgi':  
    print('the selected number is 7')  
elif y=='eg':  
    print('the selected number is 8')  
elif y=='adeh':  
    print('the selected number is 9')  
elif y=='bce':  
    print('the selected number is 10')  
else:  
    print('Kindly select between 1 and 10')
```

Select any number of your choice between 1 to 10

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is the selected number present in a? = [1,9,7,5] yes  
is the selected number present in b?=[4,2,3,10] no  
is the selected number present in c?=[6,10,1,3] no  
is the selected number present in d?=[2,9,7,4] yes  
is the selected number present in e?=[5,8,9,10] yes  
is the selected number present in f?=[2,3,6,7] no  
is the selected number present in g?=[1,7,8,6] no  
is the selected number present in h?=[3,5,2,9] yes  
is the selected number present in i?=[7,4,5,1] no
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the selected number is 9