Question 1:

#Question 1

def main():

str2=input('input string:') #define main function

print(letters(str2))

def letters(str1): #define the function

set\_result = set() #set up a set

for i in str1:

if i.isalpha():

set\_result.add(i) #check whether i is letter or not then add to set

return set\_result #return the result

main()

Question 2:

A screenshot of a social media post

Description automatically generated

A close up of a person

Description automatically generated

Question 3:

A screenshot of a social media post

Description automatically generated

A screenshot of a cell phone

Description automatically generated

Question 4:

A screenshot of a cell phone

Description automatically generated

A screenshot of a cell phone

Description automatically generated

Question 5:

A screenshot of a cell phone

Description automatically generated

A screenshot of text

Description automatically generated

A picture containing table, holding

Description automatically generated

Question 6:

A screenshot of a cell phone

Description automatically generated

A screenshot of a cell phone

Description automatically generated