1) Open terminal **in a linux VM**

2) Copy code provided to check hashed passwords

3) Go to wiki link(<https://wiki.skullsecurity.org/Passwords>)

 and pull down "hotmail.txt" and save it to your Desktop

4) Copy txt file from desktop into root by typing in command "**cp /root/Desktop/hotmail.txt .**"

5) Check that it copied correctly using command "**ls**"

6) Change the file that the code is running with to "**hotmail.txt**" instead of “**rockyou.txt**”

7) Run these hashes through (you may modify the code to make this faster/easier) to find the passwords that the hashes match with.

* If you modify the code please also send in the modified code along with your answers

Hashes

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1) d85dee30107805c74a50856e6cc2da15

2) fcfaa3a8ec0e1c266a285aba6eb4be67

3) 27a5148ea0fbddae22d902bea9a19531

4) dc041774b25355558dea75368a86c851

5) cf8d30899cb711da4ee7cfcd5b9add44

Answers

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1) nana17999

2)marounhajjloveyou

3)jupiter

4)june1097

5)footballfootball

Password Cracking Code

**Remember: Spacing matters in python**

import hashlib

hash=”insert hash here “

wordlist= “rockyou.txt”

for line in open(wordlist, “r”):

 line =line.replace(“\n”, “ “)

 if hashlib.md5(line).hexdigest() == hash:

 print “First: “ + line

 quit()