

## 1-TOPSHIRIQ.

1. Ismingizni Sezar usulida Hemis raqamingizni kalit sifatida foydalanib, shifrlang.

2. Ismingizni Affin usulida  $a=11$ ,  $b$  = Hemis raqamingiz shifrlang.

Sezar

$T_{12}$  <sup>18 0 3 20 11 11 0</sup>  
Sadulela  $\rightarrow$  ochiq matn  
Kalit  $\rightarrow 19$

$C \rightarrow$  shifmatn  $= T_{12} + K$

$C =$  <sup>37 19 22 39 30 30 19</sup>  
LTWNEET

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Affin

$a=11$   $b=19$   $M =$  <sup>18 0 3 20 11 11 0</sup>  
Sadulela

$C = (a \cdot M + b) \bmod 26$

$C = (11 \cdot 18 + 19) \bmod 26 = 217 \bmod 26 = 9 \rightarrow J$

$C = (0 \cdot 18 + 19) \bmod 26 = 19 \bmod 26 = 19 \rightarrow T$

$C = (11 \cdot 3 + 19) \bmod 26 = 52 \bmod 26 = 0 \rightarrow A$

$C = (11 \cdot 20 + 19) \bmod 26 = 239 \bmod 26 = 5 \rightarrow F$

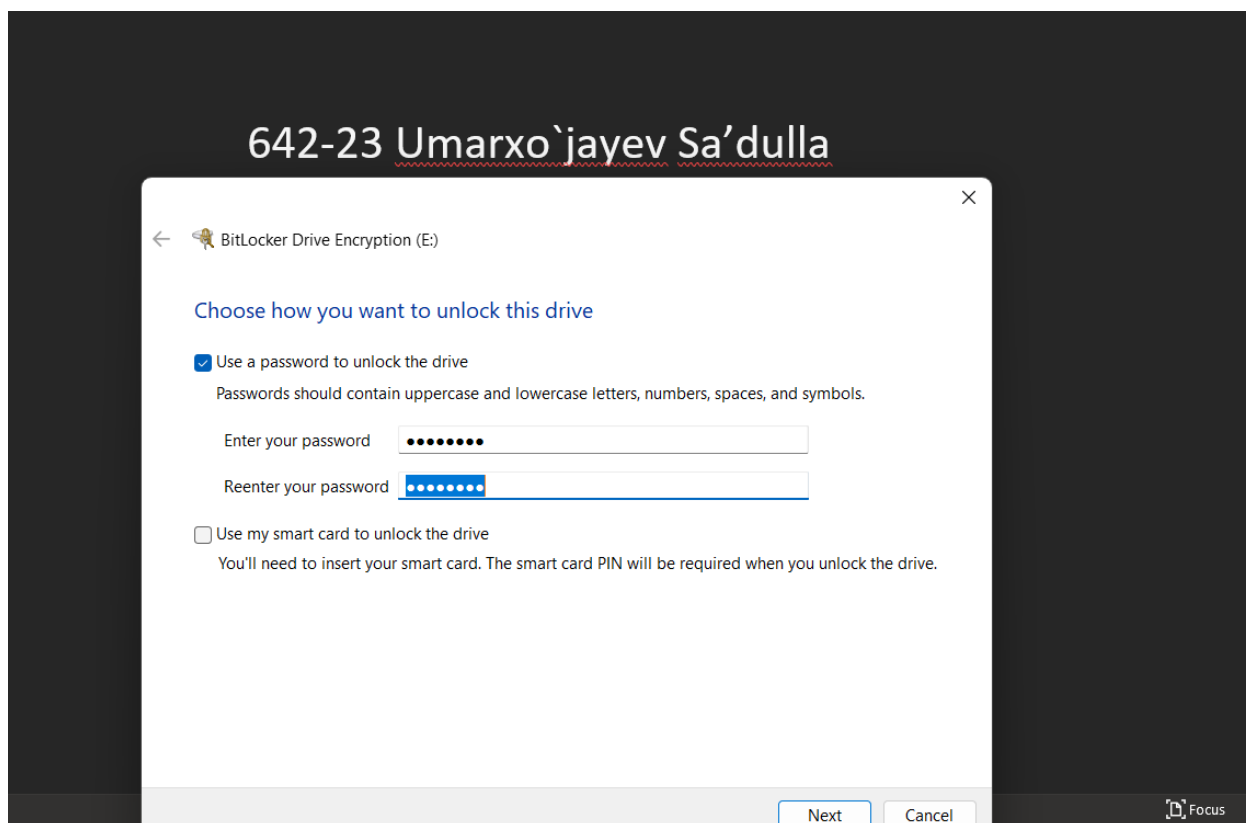
$C = (11 \cdot 11 + 19) \bmod 26 = 140 \bmod 26 = 10 \rightarrow K$

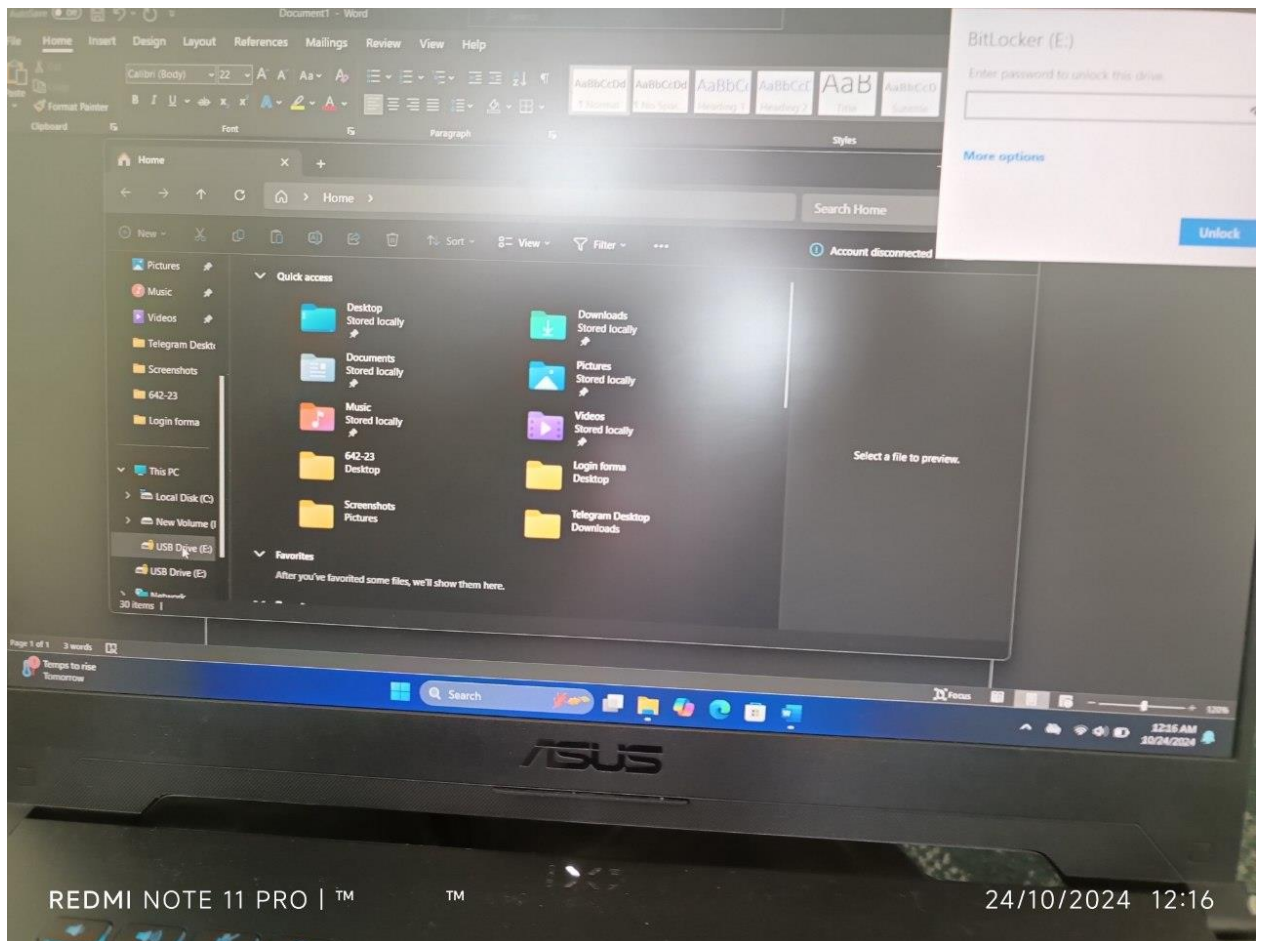
$C = (11 \cdot 11 + 19) \bmod 26 = 140 \bmod 26 = 10 \rightarrow K$

$C = (11 \cdot 0 + 19) \bmod 26 = 19 \bmod 26 = 19 \rightarrow T$

$C = J T A F K K T$

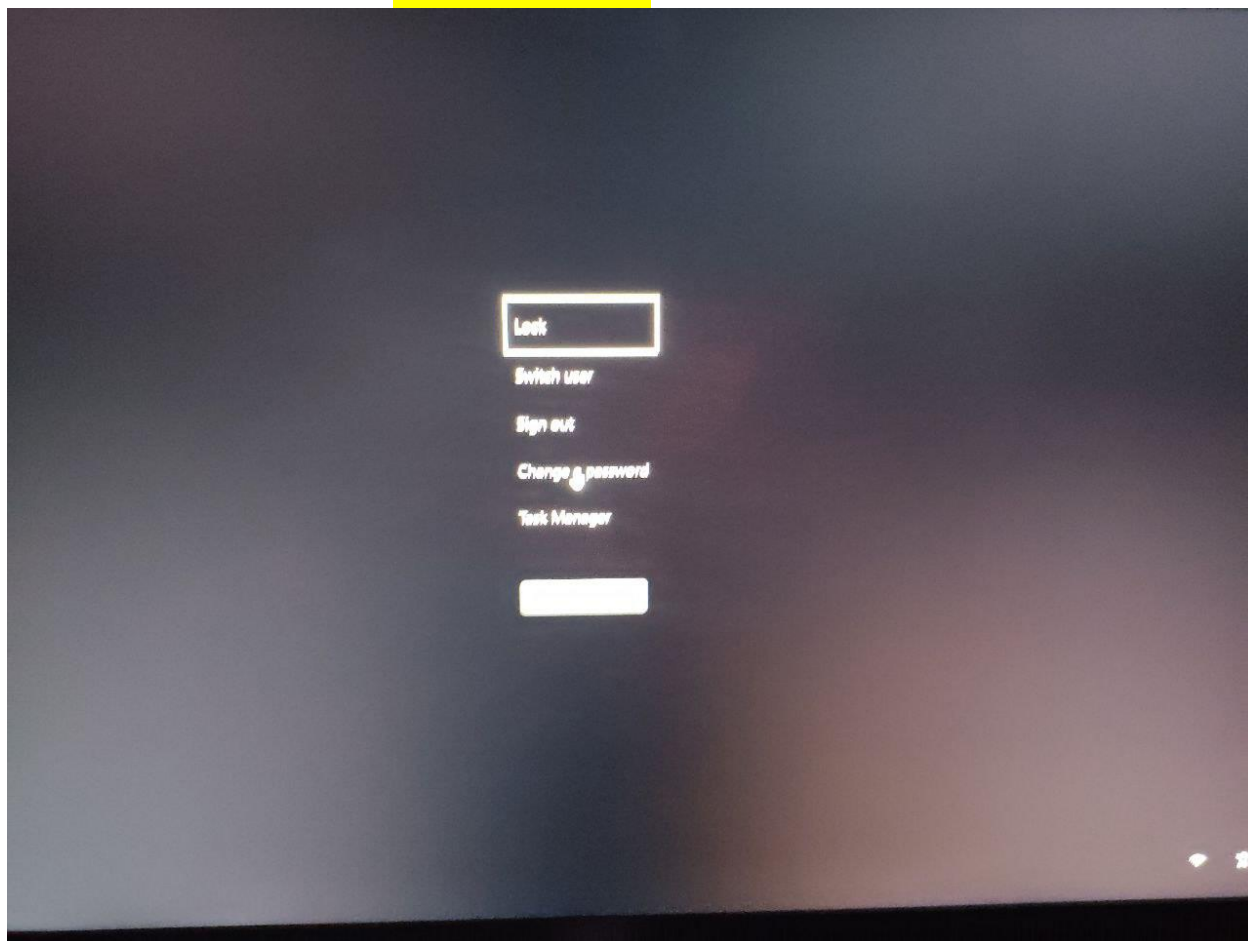
3-Topshiriq. Bitlocker dasturida o'z ismingiz bilan nomlangan diskni shifrlang:



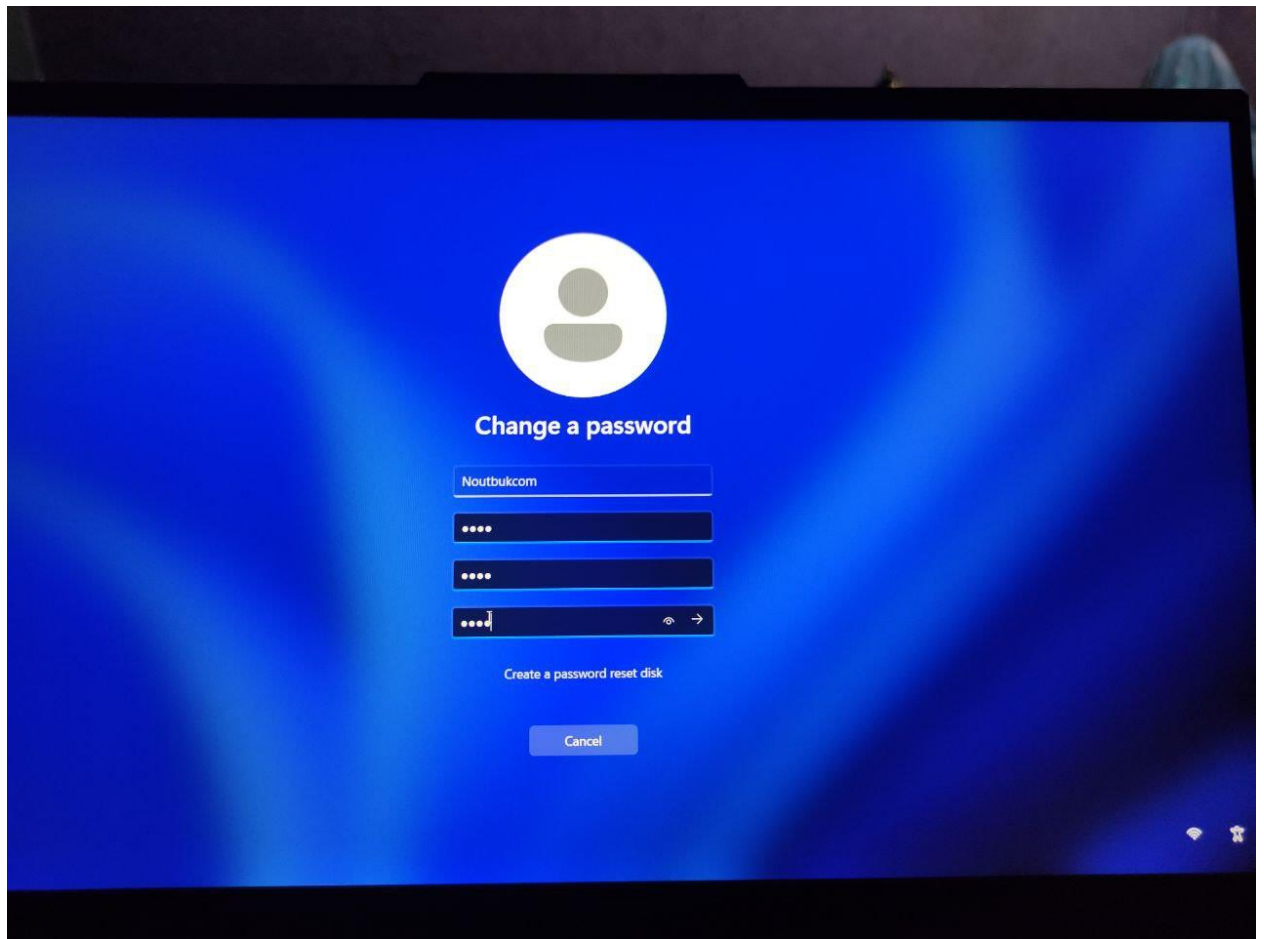


**4-Topshiriq:** Windowsga 3 xil usulda parol qo'yning.

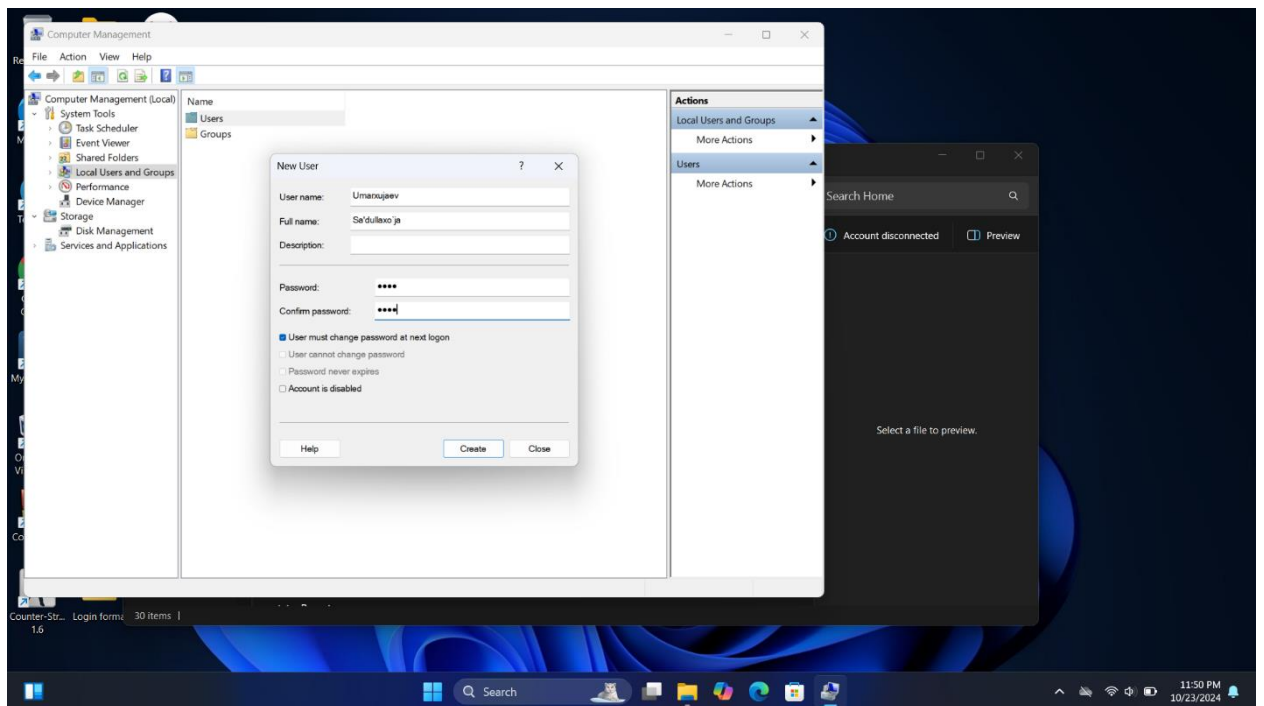
**1-usul:** Birinchi navbatda CTL+ALT+DEL ni bosamiz.



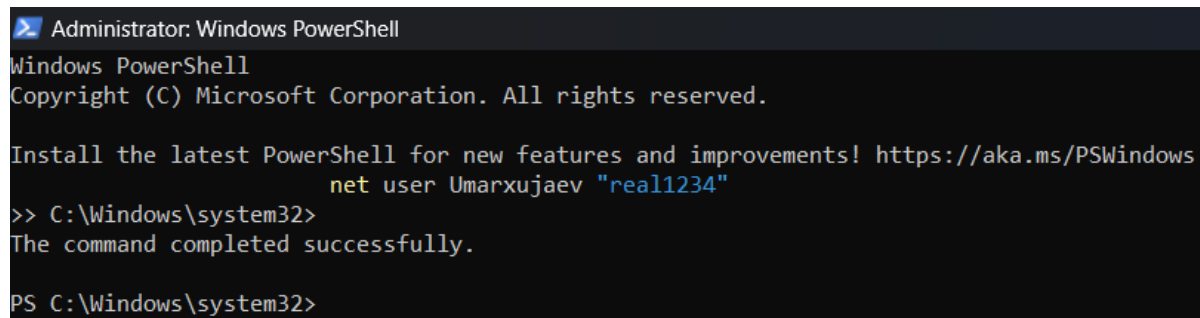




2-usul:



### 3-usul:

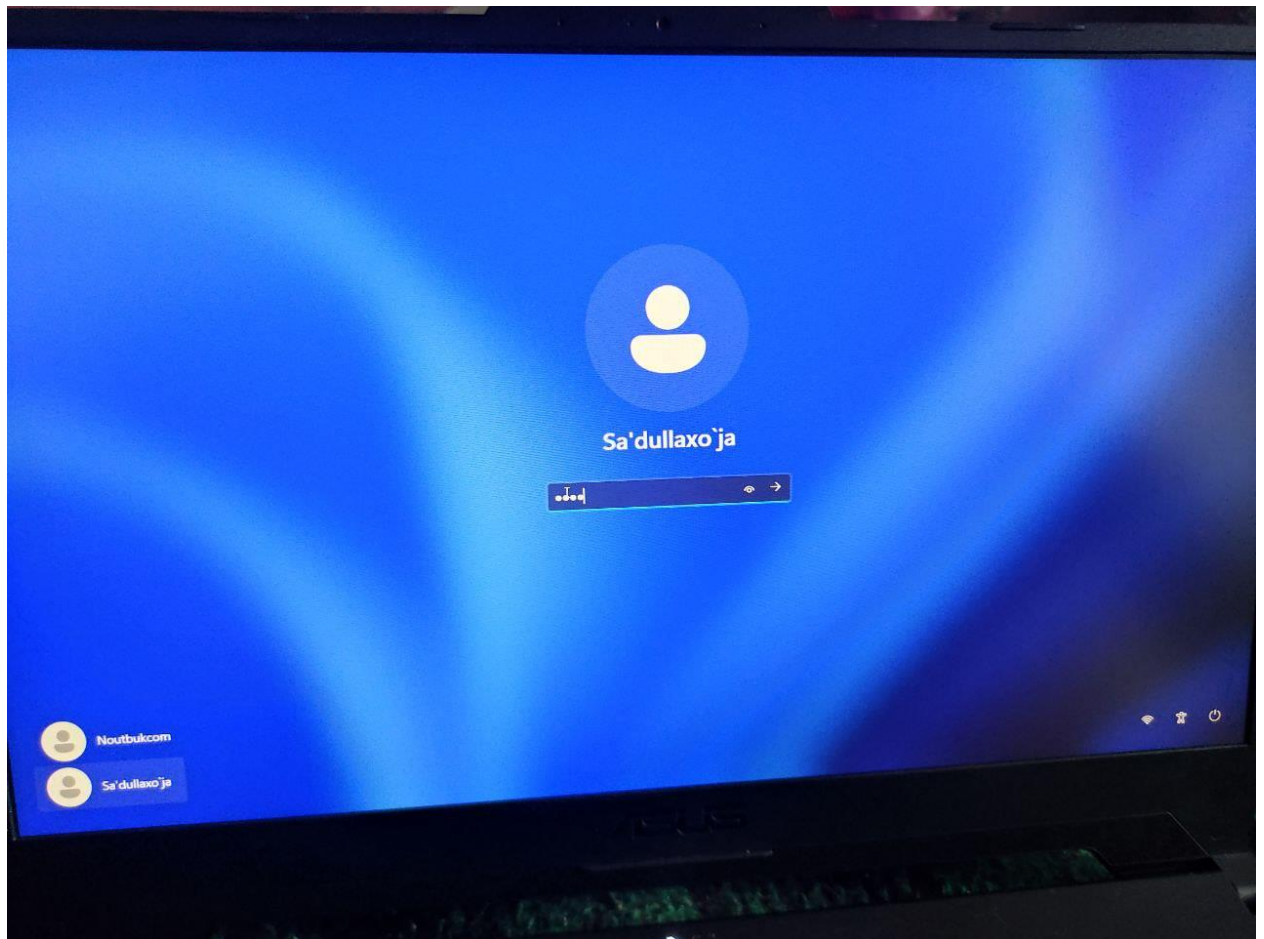


```
Administrator: Windows PowerShell
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Windows\system32> net user Umarxujaev "real1234"
The command completed successfully.

PS C:\Windows\system32>
```



## 5-Topshiriq: Wireshark dasturida paketlarni tutish.

