מטלה 2 מערכות הפעלה – אופיר אלמוג 207918731

שלב ראשון: קימפול הסרבר והפעלתו, קבלת PID

```
ofir@ubuntu-linux: ~/Desktop/ex2
ofir@ubuntu-linux:-/Desktop/ex
ofir@ubuntu-linux:-/Desktop/ex
                                             $ gcc server.c -o server
$ ./server &
[1] 15040
oftr@ubuntu-linux:-/Desktop/ex/$
```

שלב שני: קימפול client.c והפעלתו, שימוש ב4 ספרות ראשונות של ת.ז באחת מפעולות החישוב

```
Clien והפעזונו, כ ב clien והפעזונו, כ clien והפעזונו, כ clien 1 100 1 100 8 ./client.out 15040 8 4 2 8 15143 15144
```

פלט טרמינל הלקוח:

```
    Signal successfully sent to process with

n PID 15040. end of stage d.
             19840. end of stage d.
Recetved result from server: 1079. end of stage j.
Signal successfully sent to process with PID 15040. end of stage d.
Signal successfully sent to process with PID 15040. end of stage d.
Recetved result from server: 4. end of stage j.
Received result from server: 200. end of stage j.
```

פלט טרמינל הסרבר:

```
orbif@ubuntu-linux:-/Desktop/ex/$ Server - Child process created with PID: 15067. end of stage f. Server - Created response file '15064_toClient.txt' for client with PID 15064. e
end of stage ...
Server - Created response file '15064_toclient.txt for and of stage g.
Server - performed calculation, sent the result to toclient.txt file. end of stage is server - child process created with PID: 15077, end of stage f.
Server - Created response file '15063_toclient.txt' for client with PID 15063. e
ge t.3erver - Created response file '15063_toCllent.txt | for cllent |
nd of stage g.
Server - performed calculation, sent the result to toClient.txt file. end of stage i. Server - Child process created with PID: 15147. end of stage f.
Server - Created response file '15143_toClient.txt' for client with PID 15143. end of stage g.
Server - Created response file '15143_tollient.txt | 1997
nd of stage g.
Server - performed calculation, sent the result to toclient.txt file. end of stage f.
Server - child process created with PID: 15157. end of stage f.
Server - Created response file '15145_toclient.txt' for client with PID 15145. e
 ge tiselve:
Server - Created response file '15145_tottlent.txt | 100 |
Server - Created response file '15145_tottlent.txt | 100 |
Server - performed calculation, sent the result to totlent.txt file. end of sta
ge tiserver - child process created with PID: 15159, end of stage f.
Server - Created response file '15144_totlient.txt' for client with PID 15144. e
  Server - Created response file '15144_tocttenered of stage g. Server - performed calculation, sent the result to toclient.txt file, end of stage g.
Server
ge i.
```