A. script_1.sh

without arguments

```
bim@bim-desk:~/bashtask/epam_home/bash_homework$ ./script1.sh
Choose parametr
--all   displays the IP addresses and symbolic names of all hosts in the current subnet
--target       key displays a list of open system TCP ports
bim@bim-desk:~/bashtask/epam_home/bash_homework$
```

incorrect parameter

```
bim@bim-desk:~/bashtask/epam_home/bash_homework$ ./script1.sh -all
incorrect parameter
```

key --all

```
bim@bim-desk:~/bashtask/epam_home/bash_homework$ ./script1.sh --all
Choose your interface
enp0s3
IP in current subnet
_gateway
192.168.0.10
192.168.0.100
192.168.0.106
192.168.0.108
bim-desk
```

key --target

```
root@bim-desk:/home/bim/bashtask/epam_home/bash_homework# ./script1.sh --target
Open TCP ports
22/tcp    open   ssh
631/tcp   open   ipp
3306/tcp  open   mysql
```

B. script_2.sh

```
root@bim-desk:/home/bim/bashtask/epam_home/bash_homework# ./script2.sh
1. From which ip were the most requests?
157.55.39.250
2. What is the most requested page?
http://www.bing.com/bingbot.htm
3. How many requests were there from each ip?
Request          IP

     4 157.55.39.174
     2 157.55.39.182
    62 157.55.39.250
     7 176.59.119.104
    10 178.76.227.154
     1 185.53.44.186
    34 207.46.13.48
     1 213.87.151.38
     1 217.69.134.11
     1 217.69.134.12
     1 217.69.134.13
     1 217.69.134.15
     2 217.69.134.29
     1 217.69.134.39
     3 37.140.141.30
    61 46.29.2.62
     1 5.255.253.45
     1 5.255.253.74
     1 66.249.69.39
     2 66.249.78.58
     1 66.249.78.65
     1 66.249.78.72
     1 93.158.178.129
     1 95.108.158.190
4. What non-existent pages were clients referred to?
/
/architecture
/bike
/cars
/cats
/dresses
/favicon.ico
/flowers
/funny_animals
/graffiti
/kovboyskie
/publisher.php
/rss/tatoo.rss
/shoes
/skateboard
/snowboard
/tatoo
/weather.php?get
```

```
5. What time did site get the most requests?
Request          Time
     5 [30/Sep/2015:00:42:46 +0300]
     5 [30/Sep/2015:02:10:46 +0300]
     5 [30/Sep/2015:02:25:50 +0300]
     5 [30/Sep/2015:02:25:52 +0300]
     5 [30/Sep/2015:02:25:53 +0300]
     5 [30/Sep/2015:02:25:54 +0300]
     5 [30/Sep/2015:02:26:23 +0300]
     5 [30/Sep/2015:02:26:24 +0300]
     5 [30/Sep/2015:02:26:51 +0300]
     5 [30/Sep/2015:02:26:52 +0300]
     5 [30/Sep/2015:02:26:53 +0300]
     5 [30/Sep/2015:02:26:55 +0300]
6. What search bots have accessed the site? (IP + UA)
157.55.39.174    bingbot/2.0;
157.55.39.182    bingbot/2.0;
157.55.39.250    bingbot/2.0;
185.53.44.186    XoviBot/2.0;
207.46.13.48     bingbot/2.0;
37.140.141.30    YandexBot/3.0;
5.255.253.45     YandexBot/3.0;
5.255.253.74     YandexBot/3.0;
66.249.69.39     Googlebot/2.1;
66.249.78.58     Googlebot/2.1;
66.249.78.65     Googlebot/2.1;
93.158.178.129   YandexBot/3.0;
95.108.158.190   YandexBot/3.0;
```

C. script_3.sh

before running **script_3.sh**

```
root@bim-desk:/home/bim/bashtask/epam_home/bash_homework# ls source3,
11   112   113   114   115
root@bim-desk:/home/bim/bashtask/epam_home/bash_homework# ls dest3
11   112
```

running **script_3.sh**

```
root@bim-desk:/home/bim/bashtask/epam_home/bash_homework# ./script3.sh
11 file exist - replacing ...
replacing was done
112 file exist - replacing ...
replacing was done
113 file not exist - copping ...
copping was done
114 file not exist - copping ...
copping was done
115 file not exist - copping ...
copping was done
```

after running **script_3.sh**

```
root@bim-desk:/home/bim/bashtask/epam_home/bash_homework# ls source3/
11   112   113   114   115
root@bim-desk:/home/bim/bashtask/epam_home/bash_homework# ls dest3/
11   112   113   114   115
```