

TASK1 OUTPUT:

```
sherali@HELLO:~$ cd Desktop/task1/
bash: cd: Desktop/task1/: No such file or directory
sherali@HELLO:~$ cd Desktop/task1
bash: cd: Desktop/task1: No such file or directory
sherali@HELLO:~$ cd Desktop/p21-8024_TASK1
bash: cd: Desktop/p21-8024_TASK1: No such file or directory
sherali@HELLO:~$ cd Desktop/P21-8024_TASK1
sherali@HELLO:~/Desktop/P21-8024_TASK1$ sudo docker build -t mylab .
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
             Install the buildx component to build images with BuildKit:
             https://docs.docker.com/go/buildx/

Sending build context to Docker daemon  143.4kB
Step 1/5 : FROM ubuntu
----> 3565a89d9e81
Step 2/5 : WORKDIR /home/
----> Using cache
----> 529e43ea3a29
Step 3/5 : COPY hello-1.c hello-2.c hello-3.c hello-4.c runcode.sh /home/
----> Using cache
----> 72e356427222
Step 4/5 : RUN apt-get update &&          apt-get install -y build-essential &&          chmod +x runcode.sh
----> Using cache
----> 454ac03f7ee9
Step 5/5 : CMD ["bash", "runcode.sh"]
----> Using cache
----> d6c1d78060ea
Successfully built d6c1d78060ea
Successfully tagged mylab:latest
sherali@HELLO:~/Desktop/P21-8024_TASK1$ sudo docker run mylab
sherali@HELLO:~/Desktop/P21-8024_TASK1$ sudo docker run mylab
Hello 1Hello 2 Hello 3 Hello 4sherali@HELLO:~/Desktop/P21-8024_TASK1$
```

TASK 2 OUTPUT:

```
sherali@HELLO:~/Desktop/P21-8024_TASK2$ sudo docker run mylab
Hello 1Hello 2 Hello 3 Hello 4sherali@HELLO:~/Desktop/P21-8024_TASK2$ sudo docker build -t mylab .
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
            Install the buildx component to build images with BuildKit:
            https://docs.docker.com/go/buildx/

Sending build context to Docker daemon  3.072kB
Step 1/4 : FROM ubuntu
--> 3565a89d9e81
Step 2/4 : WORKDIR /home/
--> Using cache
--> 529e43ea3a29
Step 3/4 : COPY task2.sh /home/
--> Using cache
--> 8e272b0cc7ab
Step 4/4 : CMD [ "bash","task2.sh" ]
--> Using cache
--> ece155c6ad22
Successfully built ece155c6ad22
Successfully tagged mylab:latest
sherali@HELLO:~/Desktop/P21-8024_TASK2$ sudo docker run mylab
Even number: 2
Even number: 4
Even number: 6
Even number: 8
Even number: 10
Even number: 12
Even number: 14
Even number: 16
Even number: 18
Even number: 20
Total Number of Even Number is : 10
sherali@HELLO:~/Desktop/P21-8024_TASK2$
```