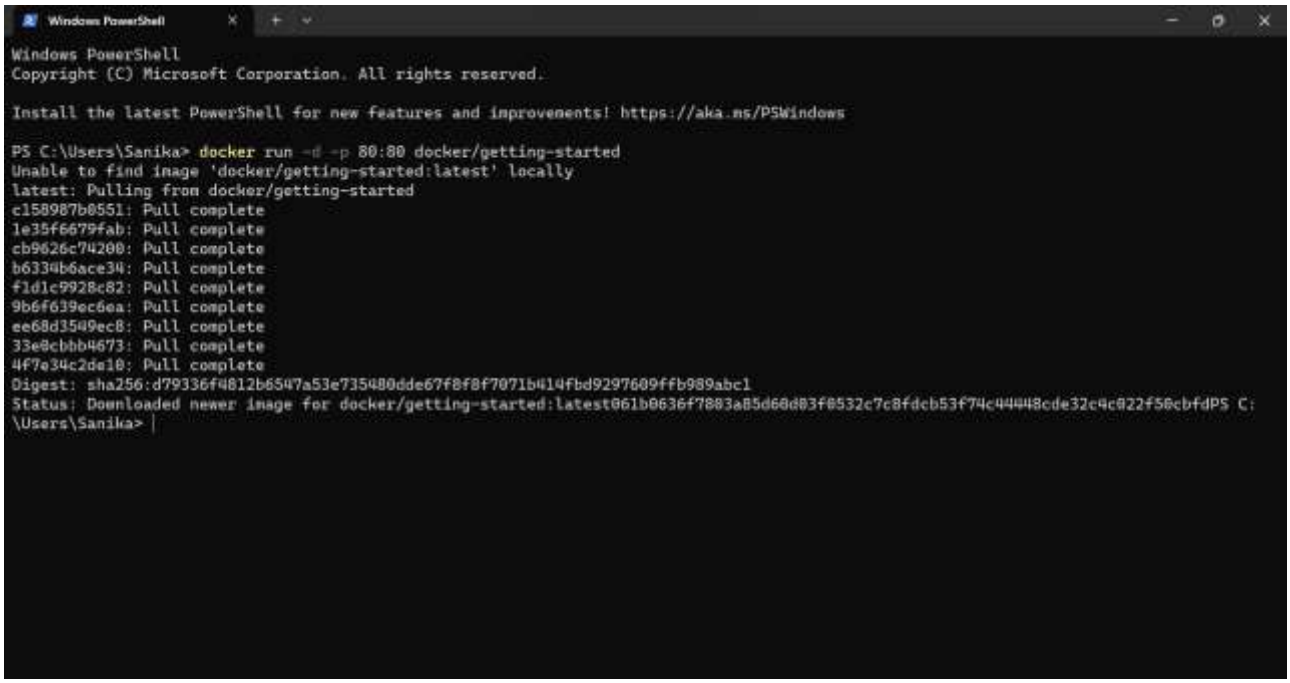
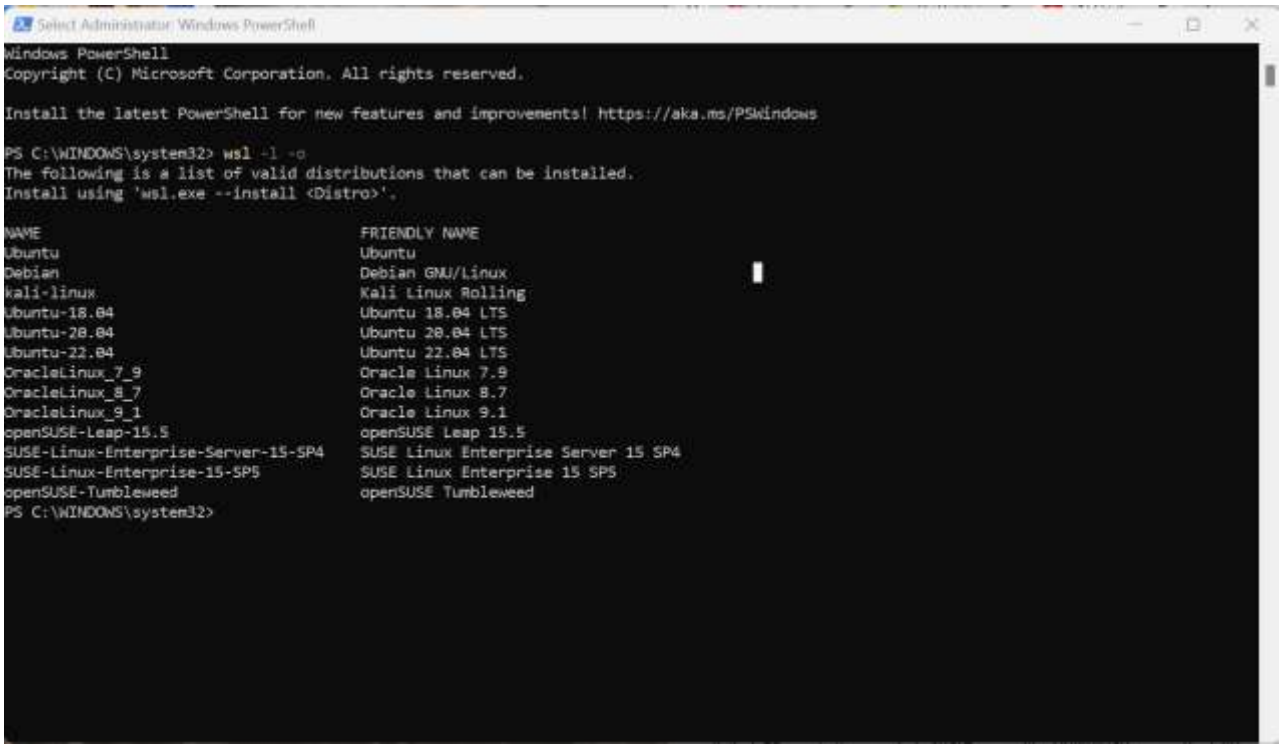
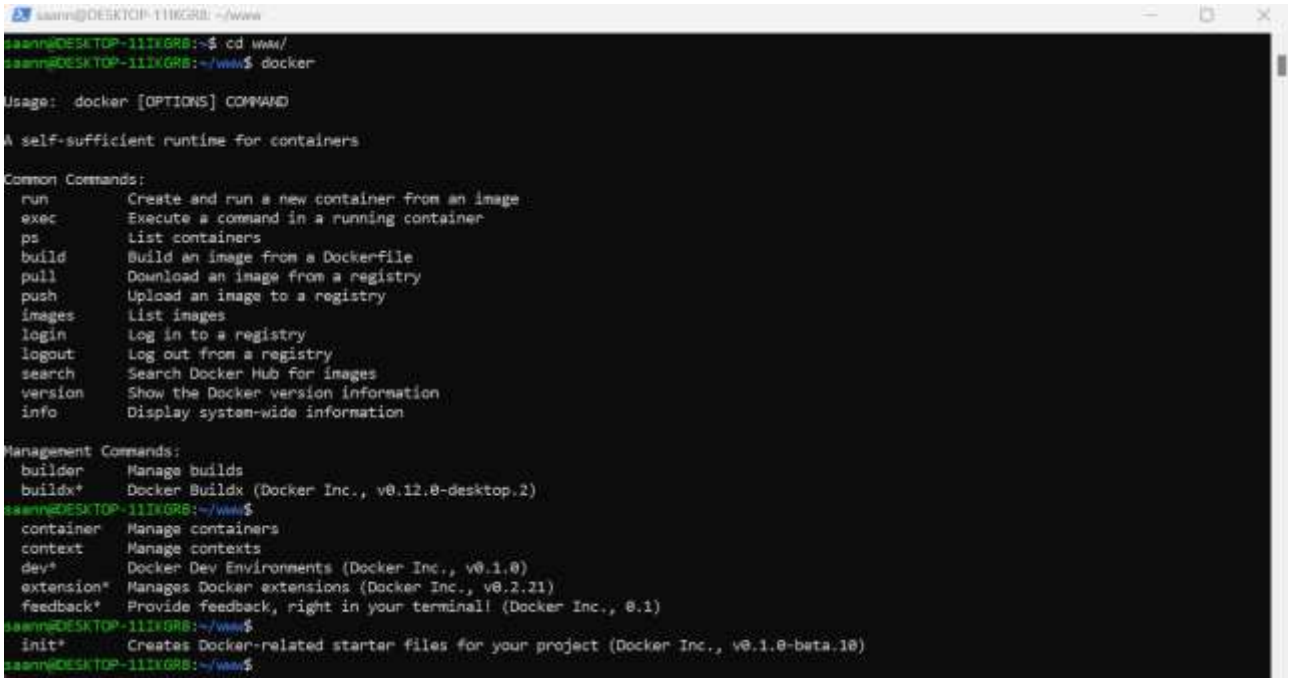
ASSIGNMENT 2b

ROLL NO: 33263 BATCH: N10







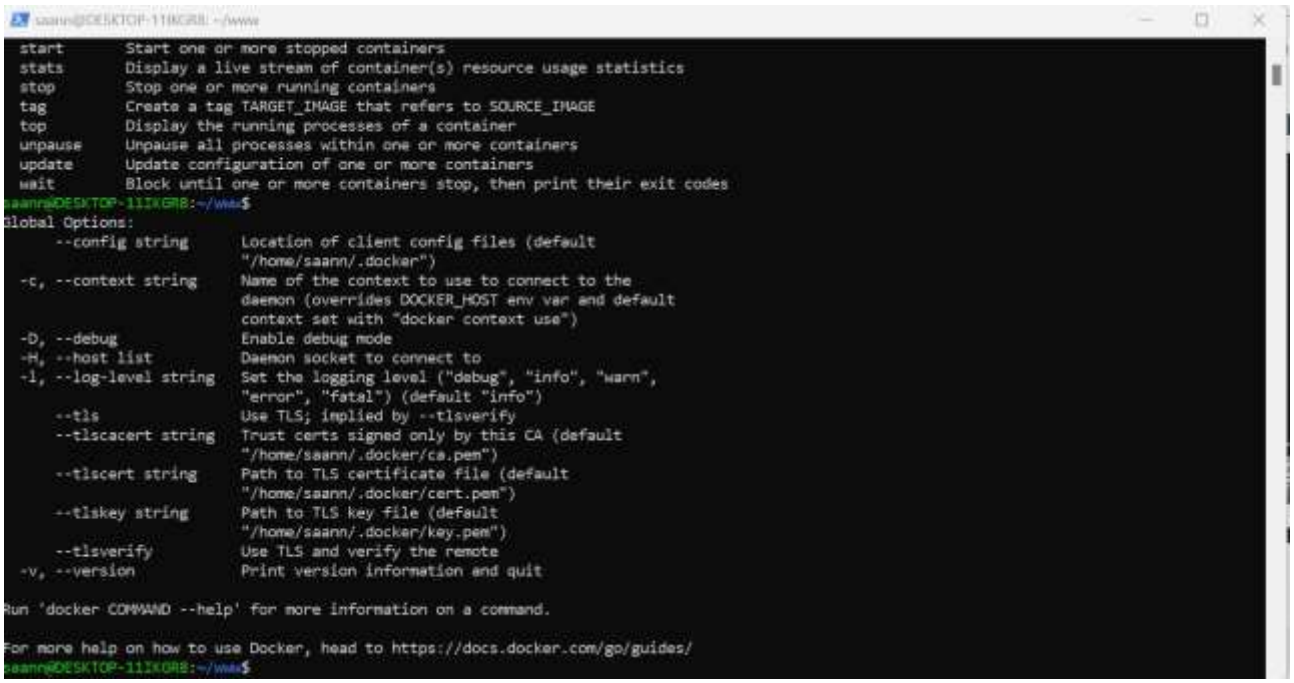
```
saann@DESKTOP-11IKGRB:~$ cd www/
saann@DESKTOP-11IKGRB:~/www$ docker

Usage:  docker [OPTIONS] COMMAND

A self-sufficient runtime for containers

Common Commands:
  run         Create and run a new container from an image
  exec        Execute a command in a running container
  ps          List containers
  build       Build an image from a Dockerfile
  pull        Download an image from a registry
  push        Upload an image to a registry
  images      List images
  login       Log in to a registry
  logout      Log out from a registry
  search      Search Docker Hub for images
  version     Show the Docker version information
  info        Display system-wide information

Management Commands:
  builder     Manage builds
  buildx*     Docker Buildx (Docker Inc., v0.12.0-desktop.2)
saann@DESKTOP-11IKGRB:~/www$
  container   Manage containers
  context     Manage contexts
  dev*        Docker Dev Environments (Docker Inc., v0.1.0)
  extension*  Manages Docker extensions (Docker Inc., v0.2.21)
  feedback*   Provide feedback, right in your terminal! (Docker Inc., 0.1)
saann@DESKTOP-11IKGRB:~/www$
  init*       Creates Docker-related starter files for your project (Docker Inc., v0.1.0-beta.10)
saann@DESKTOP-11IKGRB:~/www$
```



```
  start       Start one or more stopped containers
  stats       Display a live stream of container(s) resource usage statistics
  stop        Stop one or more running containers
  tag         Create a tag TARGET_IMAGE that refers to SOURCE_IMAGE
  top         Display the running processes of a container
  unpause     Unpause all processes within one or more containers
  update      Update configuration of one or more containers
  wait        Block until one or more containers stop, then print their exit codes
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Global Options:
      --config string      Location of client config files (default
                           "/home/saann/.docker")
  -c, --context string     Name of the context to use to connect to the
                           daemon (overrides DOCKER_HOST env var and default
                           context set with "docker context use")
  -D, --debug              Enable debug mode
  -H, --host list          Daemon socket to connect to
  -l, --log-level string   Set the logging level ("debug", "info", "warn",
                           "error", "fatal") (default "info")
      --tls                Use TLS; implied by --tlsverify
      --tlscacert string   Trust certs signed only by this CA (default
                           "/home/saann/.docker/ca.pem")
      --tlscert string     Path to TLS certificate file (default
                           "/home/saann/.docker/cert.pem")
      --tlskey string      Path to TLS key file (default
                           "/home/saann/.docker/key.pem")
      --tlsverify          Use TLS and verify the remote
  -v, --version            Print version information and quit

Run 'docker COMMAND --help' for more information on a command.

For more help on how to use Docker, head to https://docs.docker.com/go/guides/
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```
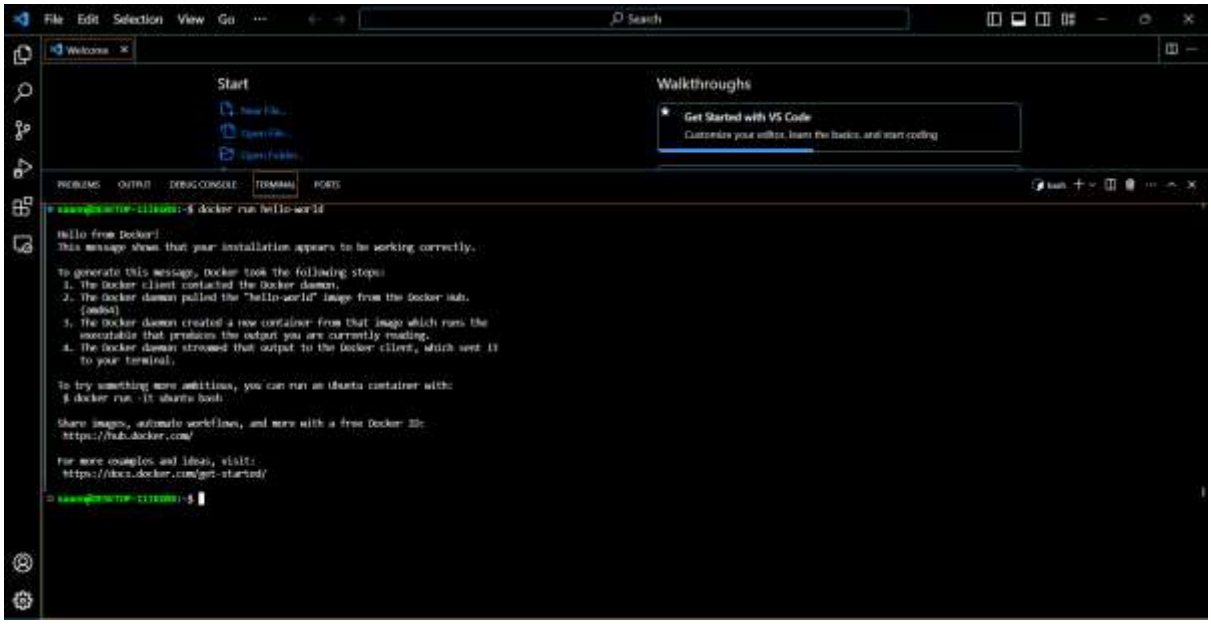
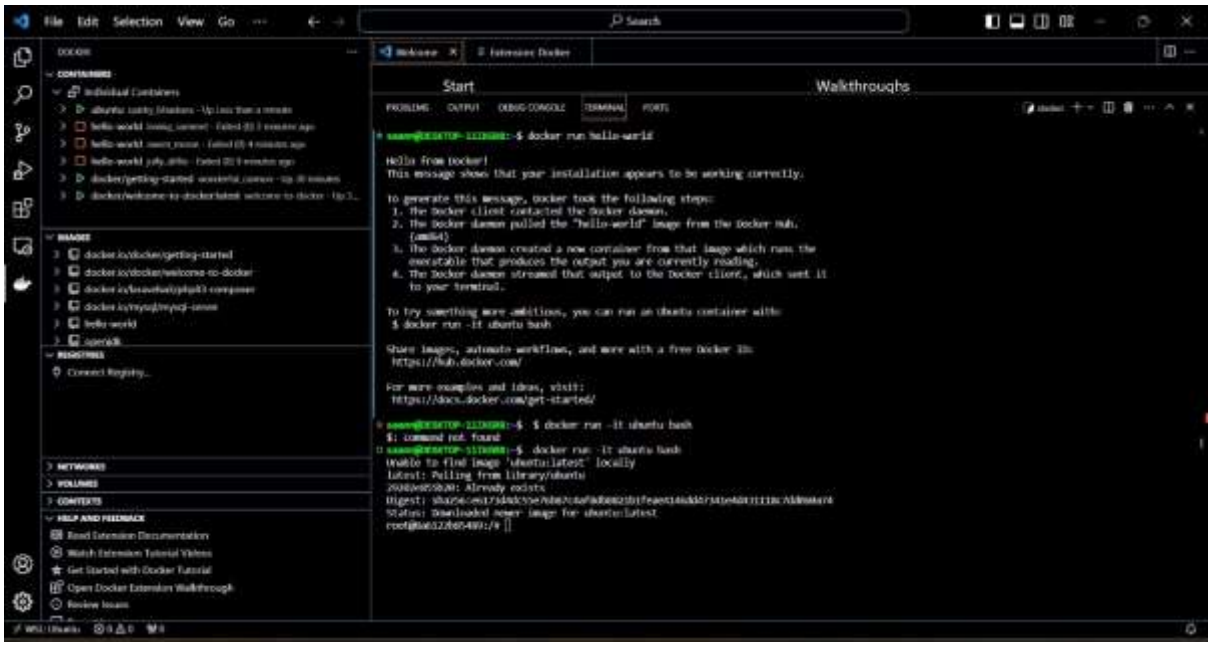


File Edit Selection View Go
Search
Welcome
Start
Walkthroughs
Get Started with VS Code
Customize your editor, learn the basics, and start coding
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
$ docker run hello-world
Hello from Docker!
This message shows that your installation appears to be working correctly.
To generate this message, Docker took the following steps:
1. The Docker client contacted the Docker daemon.
2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
(amd64)
3. The Docker daemon created a new container from that image which runs the
executable that produces the output you are currently reading.
4. The Docker daemon streamed that output to the Docker client, which sent it
to your terminal.
To try something more ambitious, you can run an Ubuntu container with:
$ docker run -it ubuntu bash
Share images, automate workflows, and more with a free Docker ID:
https://hub.docker.com/
For more examples and ideas, visit:
https://docs.docker.com/get-started/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For more examples and ideas, visit:
https://docs.docker.com/get-started/
$ docker run -it ubuntu bash
$: command not found
$ docker run -it ubuntu bash
Unable to find image 'ubuntu:latest' locally
latest: Pulling from library/ubuntu
Already exists
Digest:
Status: Downloaded newer image for ubuntu:latest