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Command to Build:

We have to cd (Change Directory) to the folder with the Dockerfile

then execute

`docker build -t my-javascript-app:v1 .`

```
PS D:\SME\SME> docker build -t my-javascript-app:v1 .
[+] Building 2.5s (9/9) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 400B
=> [internal] load metadata for docker.io/library/ubuntu:latest
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [1/5] FROM docker.io/library/ubuntu:latest@sha256:80dd3c3b9c6cecb9f1667e9290b3bc61b78c2678c02cbdae5f0fea92cc6734ab
=> => resolve docker.io/library/ubuntu:latest@sha256:80dd3c3b9c6cecb9f1667e9290b3bc61b78c2678c02cbdae5f0fea92cc6734ab
=> CACHED [2/5] RUN apt-get update && apt-get install -y git python3 && apt-get clean
=> CACHED [3/5] WORKDIR /app
=> CACHED [4/5] RUN git clone https://github.com/jakesgordon/javascript-racer.git
=> CACHED [5/5] WORKDIR /app/javascript-racer
=> => exporting to image
=> => exporting layers
=> => exporting manifest sha256:9c37a9d199e0b2fe17cfd3667e897e0deac13e24dfd15285be1669fbaed68d96
=> => exporting config sha256:3764889c4c209d2dece22544b369dafdc72661ca4b051e324c51b70cae7a3004
=> => exporting attestation manifest sha256:91f1ba5cb6c4960dae575f846dc39a102c198cdc1883e11c83b7b87722a1b006
=> => exporting manifest list sha256:2f40dc4b8302b63d84135a95b25202db3a77305202a23d912691c545642c0add
=> => naming to docker.io/library/my-javascript-app:v1
=> => unpacking to docker.io/library/my-javascript-app:v1

View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/b1qqtch28u0c0dyf8zeewq954

What's next:
View a summary of image vulnerabilities and recommendations -> docker scout quickview
```

Then we start the image using the command:

And we will get the output:

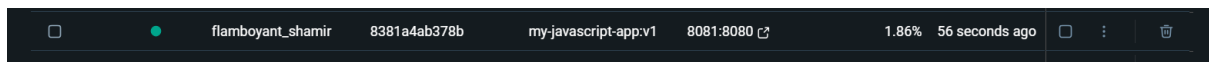
`docker run -p 8081:8080 my-javascript-app:v1`

```
flamboyant_shamir
my-javascript-app:v1
8381a4ab378b
8081:8080

STATUS
Running (53 seconds ago)

Logs  Inspect  Bind mounts  Exec  Files  Stats

2025-01-23 15:58:15 172.17.0.1 - [23/Jan/2025 07:58:15] "GET / HTTP/1.1" 200 -
2025-01-23 15:58:15 172.17.0.1 - [23/Jan/2025 07:58:15] code 404, message File not found
2025-01-23 15:58:15 172.17.0.1 - [23/Jan/2025 07:58:15] "GET /favicon.ico HTTP/1.1" 404 -
2025-01-23 15:58:16 172.17.0.1 - [23/Jan/2025 07:58:16] "GET /v4.final.html HTTP/1.1" 200 -
2025-01-23 15:58:16 172.17.0.1 - [23/Jan/2025 07:58:16] "GET /common.css HTTP/1.1" 200 -
2025-01-23 15:58:16 172.17.0.1 - [23/Jan/2025 07:58:16] "GET /stats.js HTTP/1.1" 200 -
2025-01-23 15:58:16 172.17.0.1 - [23/Jan/2025 07:58:16] "GET /common.js HTTP/1.1" 200 -
2025-01-23 15:58:16 172.17.0.1 - [23/Jan/2025 07:58:16] "GET /music/racer.ogg HTTP/1.1" 200 -
2025-01-23 15:58:16 172.17.0.1 - [23/Jan/2025 07:58:16] "GET /images/mute.png HTTP/1.1" 200 -
2025-01-23 15:58:17 172.17.0.1 - [23/Jan/2025 07:58:17] "GET /images/background.png HTTP/1.1" 200 -
2025-01-23 15:58:17 172.17.0.1 - [23/Jan/2025 07:58:17] "GET /images/sprites.png HTTP/1.1" 200 -
2025-01-23 15:58:17 172.17.0.1 - [23/Jan/2025 07:58:17] code 404, message File not found
2025-01-23 15:58:17 172.17.0.1 - [23/Jan/2025 07:58:17] "GET /favicon.ico HTTP/1.1" 404 -
2025-01-23 16:00:44 172.17.0.1 - [23/Jan/2025 08:00:44] "GET /v4.final.html HTTP/1.1" 200 -
2025-01-23 16:00:44 172.17.0.1 - [23/Jan/2025 08:00:44] "GET /common.css HTTP/1.1" 304 -
2025-01-23 16:00:44 172.17.0.1 - [23/Jan/2025 08:00:44] "GET /stats.js HTTP/1.1" 304 -
2025-01-23 16:00:44 172.17.0.1 - [23/Jan/2025 08:00:44] "GET /common.js HTTP/1.1" 304 -
2025-01-23 16:00:44 172.17.0.1 - [23/Jan/2025 08:00:44] "GET /images/mute.png HTTP/1.1" 304 -
2025-01-23 16:00:44 172.17.0.1 - [23/Jan/2025 08:00:44] "GET /music/racer.ogg HTTP/1.1" 304 -
2025-01-23 16:00:44 172.17.0.1 - [23/Jan/2025 08:00:44] "GET /images/background.png HTTP/1.1" 304 -
2025-01-23 16:00:44 172.17.0.1 - [23/Jan/2025 08:00:44] "GET /images/sprites.png HTTP/1.1" 304 -
2025-01-23 15:58:51 Serving HTTP on 0.0.0.0 port 8080 (http://0.0.0.0:8080/) ...
```



- [Version 1 - Straight](#)
- [Version 2 - Curves](#)
- [Version 3 - Hills](#)
- [Version 4 - Final](#)



[straight](#) | [curves](#) | [hills](#) | [final](#)

144 FPS (7-145)

Your canvas performance is good

Resolution : High (1024x768)

Lanes : 3

Road Width (2000) :

CameraHeight (1000) :

Draw Distance (300) :

Field of View (100) :

Fog Density (5) :

Use the **arrow keys** to drive the car.

