Q6.

const os = require("os");

console.log("Operating system name: " + os.type());

console.log("OS release : " + os.release());



Q7.

const http = require("http");

const server = http.createServer((req, res) => {

if (req.url === "/") {

res.write(

"<h1>I Am Happy To Learn Full Stack Web Development From PW Skills!</h1>"

);

}

res.end();

});

server.listen(5000);

console.log(`The HTTP Server is running on port 5000`);



Q8.

const EventEmitter = require("events");

const eventEmitter = new EventEmitter();

const subscribeMessage = (channelName) => {

console.log(`Thanks For Subscribing to ${channelName}`);

};

eventEmitter.addListener("subscribe", subscribeMessage);

eventEmitter.emit("subscribe", "College Wallah");

// The above statement must print "Thanks For Subscribing to College Wallah"



Q9.

const EventEmitter = require("events");

const eventEmitter = new EventEmitter();

const subscribeMessage = (channelName) => {

console.log(`Thanks For Subscribing to ${channelName}`);

};

eventEmitter.addListener("subscribe", subscribeMessage);

console.log("Calling event listner before removing the event.");

eventEmitter.emit("subscribe", "College Wallah");

console.log("Calling event listner after removing the event.");

eventEmitter.removeListener("subscribe", subscribeMessage);

eventEmitter.emit("subscribe", "College Wallah");



Q10.

const EventEmitter = require("events");

const eventEmitter = new EventEmitter();

const subscribeMessage = (channelName) => {

console.log(`Thanks For Subscribing to ${channelName}`);

};

eventEmitter.addListener("subscribe", subscribeMessage);

eventEmitter.emit("subscribe", "College Wallah");

console.log(

`The default maximum number of event listners are: ${eventEmitter.getMaxListeners()}`

);

eventEmitter.setMaxListeners(5);

console.log(

`The updated maximum number of event listners are: ${eventEmitter.getMaxListeners()}`

);

