

Name:

**A – Acronyms**

- HTTP
- MVC
- ODM
- BSON
- DB
- HBS
- GUI
- CRUD
- JSON
- CDN

**B – Name 8 most common MongoDB data types here:**

**C – Code tracking**

**// program starts**

```
var birds, bird, cat, choices, goal = null, n = Number( true), weather = "Sunny", x = 0;
```

```
bird = { color: "red", isFlying: 1 } ;
```

```
cat = { name: "kitty", age: x + 3, hobbies: [ "mouse", "birds", bird, "nap" ] };
```

```
choices = [  
    cat.hobbies[ 3 ] + " in the sun", null, cat.hobbies[ 1 ],  
    cat.hobbies[ cat.hobbies.length - 1 ], cat.hobbies[ 2 ]  
];
```

```
if ( weather === "sunny" && bird.isFlying) goal = choices[ x ];  
else if ( cat.age && bird.isFlying ) goal = choices[ x + 1 ];  
else goal = choices[ choices.length - 1 ];
```

```
console.log("goal => ", goal);
```

**// program ends**

Does the cat take a nap in the sun                      ?    Yes – No

What is typeof cats.age                                      ?

What is typeof birds    ?

What prints Array.isArray(cat.hobbies)                      ?

What is typeof choices[ choices.length - 1 ] ?

## D – Ghost in the Shell

In a Unix shell...

- How do you initialize a NPM repository ?
- How do you initialize a GIT repository ?
- How do you install express ?
- How do you install dotenv ?
- How do you print all the commits of a local git repo ?

## E – Is NaN ?

```
var x = "2-", dog = { name: "Wako", age: x * 2 };
```

- `isNaN( x )`
- `isNaN( NaN )`
- `isNaN( dog.age )`

## F – Booleans

- `"foo" === "foo"`
- `{ } === { }`
- `Boolean({ })`
- `true && false && true`
- `Boolean(1 * "foo")`
- `!false || !true`

## G – Simple function

- Declare **AND** run a function `foo`
- `foo` takes `bar` as argument
- `foo` throws an `Error` if `bar` is not a string
- `foo` returns `true` if `bar` is more than 10 characters long, `false` otherwise

## E – Create a new array holding ONLY banana and blueberry

```
const fruits = ["apple", "blueberry", "mango", "banana", "banana", "blueberry", "apple", "orange"];
```