ENKAPSULACIJA—Proces, zastite I odredjivanja vidljivosti atributa I funkcija(metoda). Da bi smo im pristupali moramo da imamo Get I Set metode

GET da bi smo pribavili, vratili podatke iz klase

SET da bi smo dodelili vrednosti ti podacima

class a{

private $b;

public function get(){

return $this->b;

}

public function set($b){

$this->b=$b;

}

}

$f = new a();

$f->set(8);

echo $f->get();

Mogu biti :

Public – Mogu biti vidljive

Private

Protected

POLIMORFIZAM -- da se jedan objekat može javiti u više oblika i više izdanja

NASLEDJIVANJE

What is a cookie and what do you use it for?

* + Su male datoteke koje se cuvaju na korisnikovom racunaru (‘pregledacu Browseru’).Kada prvi put posetimo neku stranicu ona u Kolacice upisuje podatke o nasim aktivnostima, podesavanja, lozink.Slozeniji kolacici mogu pamtiti I linkove koje smo posecivali, vreme provedeno na nekom portal…etc
  + **setcookie(name, value, expire, path, domain, secure, httponly);**

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1. How does a cookie differ from a session variable?
   * Sesije se cuvaju na Serveru. Neogranicene su u pojmu velicine podataka koje cuvaju za razliku od Cookie.
   * Sission\_start(); sission\_unset(); session\_destroy();

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1. If you run into a problem while coding, how do you find a solution?
   * Vratim se na deo koda koji je do tada radio. Googlam….

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1. What is XML? When do you use it?
   * Exstensible Markup Manguage, odnosno prosirivi (meta) jezik za oznacavnje.

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1. What is LAMP?
   * Linux Apache MySQL PHP , server na Linoxu

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1. What is HipHop for PHP?
   * Razvijen od Strane FaceBook kako bi PHP jezik konvertovao u C++ I kasnije u biabnrni kod (0 I 1 sinboli).

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1. How do you connect to a remote Linux server?
   * PDO ili MySQLi jer se MySQL vise ne koristi. Ja koristim Singleton(unikat)pattern
   * self::$pdo = new PDO("mysql:host=localhost; dbname=", "root","")
2. If your Apache web server is serving pages slowly, how would you troubleshoot the problem?
   * Prvo ga treba testirati odredjenim alatima
   * Brzina server se meri na osnovu 3 parametra
   * 1) Broj upita koji se mogu procesuirati u jedno sekundi
   * 2) Vreme odgovora za svaki novi upit
   * 3) Propusost bajtova po sekundi
   * Google preposrucuje da response bude ispod 200ms
   * CDN – Content Delivery Network
3. Servers in PHP
   * Apache
   * NGINX
   * Node.js ali samo oko 0.2% zauzima ne webu
4. Patterns in PHP?

- Patern je ponovno iskoristivo resenje. Ako se neki problem javlja vise puta treba koristiti paterne.

- Dobra praksa je koristiti paterne da bi I drugi koji citaju tvoj kod razumeli

-Singelon pattern je poznat po tome sto se samo jednom moze instacirati bez DIREKTNOG instaciranja

- Factory patern gde instance jedne klase ubacujem u metodu druge klase

1. Koji je PHP konfiguracioni Fajl.
   * Konfiguracioni fajl je PHP.ini

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13.You’re receiving an error when uploading a file that the limit is set too low. Where would you change the setting to allow for larger file uploads?

- menjam ga I php.ini

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14. Sta je SQL a sta je MySQL

- SQL je relacioni upitni jezik

- MySQL je visekorisnicki system za upravljanje bazam podataka. Deluje ili radi kao server za obezbedjivanje visekorisnicki interfejs za koriscenje, pristup bazi podataka.

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15. Razlika izmedju Implements I Extends

Kod interfejsa od nasleddjivanja moramo koristiti extends ne radi sa implements

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16. Interface I Abstrakta klasa razlike:

**Interface**

-interface pera{ public function laza($mika);}

- interface ne moze da sadrzi variable vec samo metode I konstante

- sve metode moraju biti public I ne mogu se implemantirati()

- ne moze se nasledjivati sa implements vec samo sa extends

- moze naslediti vise klasa interface A extends B C

**Abstraktna klasa**

* + Za razliku od Interfacea sadrzi logiku I moze sadrzati sve sto sadrzi I ovbicna klasa
  + Moze se naslediti samo sa Extends
  + NE moze se INSTANCIRATI

17. Sta je konstanta I da li se moze menjati?

- moze se od PHP 5.3 definisati na 2 nacina cons pera = “pera” ili

define(pera ‘pera’)

-const pera se ne moze koristiti u IF stejtmentima

-define() se koristi kao GLOBALNA promenljiva

- cons se ne moze koristiti kao GLOBALNA vec je bolje koristiti u klasama

- od PHP 5.6 const pera = ‘mika’ . ‘laza ’ se moze I tako definisati

- define() se ne moze menjati prilikom izvrsavanje skripte dok se **const** moze menjati u child classama

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18. What is the different between include and require?

* + Include\_once / ako je fajl vec jednom ucitan on nece biti ponovu ucitan
  + Include/ baca Warning I nastavlja sa izvrsavljanjem
  + Require / baca Fatal Eror I staje sa izvrsavaljen
  + Require\_once / ako je fajl vec jednom ucitan on nece biti ponovu ucitan

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19.Under what circumstances would you use === in a conditional statement?

- Da proverim da li su isti po tipu vrednosti

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20 . Explain what the ternary conditional operator is.

-Skracen verzija IF petlje (uslov) ? ‘’ : ‘’

21. What is an array?

* + On se definise kao Data Structure in PHPu

22. Sta je .htaccess

-To je text file koji preepoznaje Apache Web Server.

-On u sebi sadrzi odredjena pravili na koja kada Apach dodje on ih I primenjeju

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23. Razlika izmedju ECHO I PRINTR

Gotovo su isti samo PRINT\_R ima RETURN VALUE 1 I moze se koristiti u odredjenim izrazima

1. How would you access information sent via Post? Get?
2. How do you encrypt data using PHP?
3. Describe your experiences with web services.
4. If I told you I needed data from a web service, would you prefer it in XML or JSON?
5. In general terms, describe how you would extract data from a web service if it returns JSON?
6. What is a regular expression? How do you use regular expressions in PHP development?
7. How many times can you include a php file in another php file?

Moze ali ako ima neka klasa ili funkcja izbacice eror

1. How do you send email in PHP?
2. How do you increase the maximum script execution time for PHP?

-Moze se promeniti u PHP.ini fajlu

- ili sa funkcijom set\_time\_limit(n) gde je N broj sekundi

1. How would you sort an array in PHP?
2. What do we uses classes for in PHP? In what cases would you define a class?
3. What’s the difference between echo and printf?

-Oni su skoro isti ali se razlikuju u tome sto print\_r ima return 1 I moze se koristiti u izrazima

1. How do you calculate the number of days between two dates in PHP?
2. $now = time(); // or your date as well
3. $your\_date = strtotime("2010-01-01"); // ova funkcija vraca dataum u obliku 15021979 I onda se moze oduzimati
4. $datediff = $now - $your\_date;
5. echo round($datediff / (60 \* 60 \* 24));
6. When I open up a web site you developed and its a blank white screen, what steps do you take to troubleshoot the problem?
7. How would you redirect a page in PHP?
8. What is ob\_start(); used for? Why would you use it when developing web pages?
9. How do you define a constant in PHP?
10. How do you determine if a constant is defined in PHP?
    * Sa funkcijom difined();
11. What is the difference between <? ?>  and <?php ?>?
12. Neke Funkcije()
    * Explode()- lomi string I pretvara u niiza
    * file\_get\_contents($pera) hvata sadrzaja
    * trim() / cisti znakove koje zadamo ili SPACE koje ne moramo da zadamo
    * htmlspecialchars()
    * strip\_tags() skida html tagove sem ako mu kazemo koji da ne skida

**HTML/CSS Questions**

Though your candidate may only do PHP development, he/she still needs to understand HTML and CSS well enough to produce a good looking product.

1. Are you comfortable coding HTML by hand?
2. Can you write table-less code using CSS?
3. If you are presenting an error message and want the text colored red, how would you achieve this?
4. How would you hide content on a page? How would you show hidden content later?
5. What does float left do? How would you clear a float?
6. What browser is the most difficult to write good, clean code for? What are the major problems with this browser?
7. What is an inline style? When would you use it?
8. What width should you develop a web page for?
9. What tools do you use to ensure your code passes w3c compliance?
10. When you create an element, how do you create a name for it so you can target it using CSS or JavaScript?

**JavaScript Questions**

Many systems use a form of Ajax to make them work right and JavaScript is essential to any Ajax.  These questions will test the JavaScript knowledge of your candidate.

1. Is JavaScript a programming language? Why/why not?
2. Do you have experience with JavaScript frameworks? Which ones? Which one do you like the most? Why?
3. How do you submit a form without user interaction?
4. What is Ajax?
5. Describe code you have written which uses Ajax. Why did you use Ajax? How did you implement it? Why did you write it with Ajax in mind?
6. What is jQuery?
7. How would you animate an object on the page?
8. What is the DOM?
9. What are two ways you could attach JavaScript to an element to be executed on click?
10. When would you write JavaScript on a web page and when would you include it in an external file?

**MySQL Questions**

Most PHP systems which require a database rely on MySQL. These questions are focused on MySQL and databases.

1. How would you fix a corrupt table in a database?
2. Sta je SQL

- SQL (Structured Query Language) je programski jezik namenjen za upravljanje podacima u relacionim sistemima za upravljanje bazama podataka.Obuhvata unos podataka, upite, ažuriranje i brisanje, šeme kreiranja i menjanja, kao i podatke za kontrolu pristupa.

1. What is a primary key?
2. What is an inner join? Left join? Right join? How are they different?
3. Write a simple query for me to query all of the columns in a particular table.
4. You have two tables which are connected via a unique ID. Write a query which will query both tables based on that unique ID.
5. You have a table with an unknown number of records. You want to delete half of the records. You don’t care which records are deleted. What’s the most efficient way to do it?
6. How would you create a new table in MySQL?
7. What is a stored procedure? When would you use a stored procedure? Have you ever written a stored procedure?
8. What is the difference between GROUP BY and ORDER BY?
9. What is UNIQUE used for?
10. What is DISTINCT used for?
11. What is a temporary table?
12. How would you select data into a temporary table?
13. How do you delete records in MySQL?
14. What is an alias? What would you use it for?
15. How do you encrypt data in MySQL?
16. What is a table index? Why would you use it?