what are the differences between printf, print, echo, sprintf,vprintf, vfprintf and vsprintf in **PHP**?

According to php.net here are the differences. At least they are all on one page for quick reference.

print :

- Output a string onto the screen – Also "print" is not a real function so you are welcome to remove the parentheses.
- Because this is a language construct and not a function, it cannot be called using <u>variable functions</u>
- **Always returns a 1**

echo :

- Output one or more strings
- Also not a real function but a language construct
- **Does not returns anything** so its cannot behave as a function.

printf :

- Output a formatted string
- Returns the length of the outputted string

sprintf:

- Returns a formatted string
- **Returns a string produced according** to the formatting string*format*

vprintf:

- Returns a formatted string
- Operates as printf() but accepts an array of arguments, rather than a variable number of arguments.
- Display **array values as a formatted string** according to *format*

vsprintf:

- Display **array values as a formatted string** according to *format*

- Operates as sprintf() but accepts **an array of arguments,** rather than a variable number of argument

vfprintf :

- Write a formatted string to a stream
- Write a string produced according to *format* to the stream resource specified by handle
- Returns the length of the outputted string

Reference: http://www.php.net/manual/en/ref.strings.php