**Question 1**

Source Code

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| *<?php* *// Declaring variables* $name = "Rajan Dua"; *// String* $age = 21; *// Integer* $marks = 85.5; *// Float* $status = **true**; *// Boolean*  *// Printing variables* **echo** "Name: $name<br>"; **echo** "Age: $age<br>"; **echo** "Marks: $marks<br>"; **echo** "Status: $status<br>"; *// Boolean true will print as "1" ?>* |

Output

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| Name: Rajan Dua<br>Age: 21<br>Marks: 85.5<br>Status: 1<br> |

**Question 2**

Source Code

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| *<?php* *// Original float* $floatVal = 45.78; **echo** "Original float: $floatVal<br>";  *// Casting float to int* $intVal = (int)$floatVal; **echo** "After casting to int: $intVal<br>";  *// String to array* $str = "PHP"; $arrayVal = (**array**)$str; **echo** "String to array: "; print\_r($arrayVal); **echo** "<br>";  *// Boolean to integer* $boolVal = **true**; $boolToInt = (int)$boolVal; **echo** "Boolean to int: $boolToInt<br>";  *// Integer to string* $num = 100; $numToStr = (string)$num; **echo** "Int to string: \"$numToStr\" (" . gettype($numToStr) . ")"; *?>* |

Output

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| Original float: 45.78<br>After casting to int: 45<br>String to array: Array (  [0] => PHP ) <br>Boolean to int: 1<br>Int to string: "100" (string) |

**Question 3**

Source Code

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| *<?php* **echo** "<h1>Welcome to PHP Lab</h1>"; **echo** "<p>This is a paragraph.</p>"; **echo** "Line 1<br>"; **echo** "Line 2"; *?>* |

Output

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| <h1>Welcome to PHP Lab</h1> <p>This is a paragraph.</p> Line 1<br>Line 2 |

**Question 4**

Source Code

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| *<?php* $value = "100"; *// String containing number*  *// Before addition* **echo** "Before addition: " . gettype($value) . "<br>";  *// Adding string to integer* $result = $value + 50; *// PHP will convert string to number automatically*  *// After addition* **echo** "After addition: " . gettype($result) . "<br>"; **echo** "Result: $result"; *?>* |

Output

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| Before addition: string After addition: integer Result: 150 |