HCL TSS ASSESSMENT

# DQ\_SE\_DAY\_6

## Q1 SE,Difficult

| What is output of below code added in main method if input (no) is 10? (Scanner is imported)  int no;  Scanner sc = new Scanner(System.in);  no = sc.nextInt();  switch(no)  {  case 10:  System.out.println(no);  case 20:  System.out.println(no);  default:  System.out.println(“wrong option”);  } | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | 10  20  wrong option |  | *0* |
|  | 10 |  | *0* |
|  | 10  10  wrong option |  | *100* |
|  | None of the above |  | *0* |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |
|  | For any incorrect response: | Your answer is incorrect. |  |
|  | Hint 1: |  |  |
|  | Show the number of correct responses (Hint 1): | No |  |
|  | Clear incorrect responses (Hint 1): | No |  |
|  | Tags: |  |  |
| *Allows the selection of a single or multiple responses from a pre-defined list. (MC/MA)* | | |  |

## Q2 SE,Difficult

| State what is output of below code added in main method (Scanner is imported) ?  for(int i=1;i<=3;i++)  {  if(i==2)  {  continue;  }  System.out.println(“Hello World”);  } | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | Hello World  Hello World |  | 100 |
|  | Hello World |  | 0 |
|  | Hello World  Hello World  Hello World |  | 0 |
|  | None of the above |  | 0 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |
|  | For any incorrect response: | Your answer is incorrect. |  |
|  | Hint 1: |  |  |
|  | Show the number of correct responses (Hint 1): | No |  |
|  | Clear incorrect responses (Hint 1): | No |  |
|  | Tags: |  |  |
| *Allows the selection of a single or multiple responses from a pre-defined list. (MC/MA)* | | |  |

## Q3 SE,Difficult

| State what is output of below code added in main method (Scanner is imported)?  int no=10;  boolean flag=true;  for(int i=2;i<10;i++)  {  if(no%i==0)  {  break;  flag=false;  }  }  if(flag)  { System.out.println(“no is prime”); }  else  { System.out.println(“no is not prime”); } | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | no is prime |  | 0 |
|  | no is not prime |  | 100 |
|  | runtime error |  | 0 |
|  | None of the above |  | 0 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |
|  | For any incorrect response: | Your answer is incorrect. |  |
|  | Hint 1: |  |  |
|  | Show the number of correct responses (Hint 1): | No |  |
|  | Clear incorrect responses (Hint 1): | No |  |
|  | Tags: |  |  |
| *Allows the selection of a single or multiple responses from a pre-defined list. (MC/MA)* | | |  |

## Q4 SE,Medium

| State what is output of below code?  class UseEmp  {  public static void main(String[] args)  {  Employee e = new Employee();  e.display();  }  }  class Employee  {  int empno;  String ename;  void display()  {  System.out.println(empno);  }  } | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | 0 |  | 100 |
|  | compiler error |  | 0 |
|  | 10 |  | 0 |
|  | None of the above |  | 0 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |
|  | For any incorrect response: | Your answer is incorrect. |  |
|  | Hint 1: |  |  |
|  | Show the number of correct responses (Hint 1): | No |  |
|  | Clear incorrect responses (Hint 1): | No |  |
|  | Tags: |  |  |
| *Allows the selection of a single or multiple responses from a pre-defined list. (MC/MA)* | | |  |

## Q5 SE,Difficult

| State what will be output by adding below code in main method:  int i=5;  for(;i>10;)  {  System.out.println(“hello world”);  }  System.out.println(“end of program”); | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | Yes |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | Runtime error |  | 0 |
|  | end of program |  | 100 |
|  | hello world |  | 0 |
|  | hello world  end of program |  | 0 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |
|  | For any incorrect response: | Your answer is incorrect. |  |
|  | Hint 1: |  |  |
|  | Show the number of correct responses (Hint 1): | No |  |
|  | Clear incorrect responses (Hint 1): | No |  |
|  | Tags: |  |  |
| *Allows the selection of a single or multiple responses from a pre-defined list. (MC/MA)* | | |  |

## Q6 SE,Medium

| State what will be output of below code written inside main method?    int i=7;  do  {  System.out.println(i);  i++;  }while(i<1); | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | Yes |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | 7 |  | 100 |
|  | no output |  | 0 |
|  | Runtime error |  | 0 |
|  | 7  8 |  | 0 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |
|  | For any incorrect response: | Your answer is incorrect. |  |
|  | Hint 1: |  |  |
|  | Show the number of correct responses (Hint 1): | No |  |
|  | Clear incorrect responses (Hint 1): | No |  |
|  | Tags: |  |  |
| *Allows the selection of a single or multiple responses from a pre-defined list. (MC/MA)* | | |  |

## Q7 SE,Medium

| State what is output of below code lines written inside main method?  int a=10;  int b=20;  System.out.println(a>b);  System.out.println(a==10); | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | false  true |  | 100 |
|  | Syntax error |  | 0 |
|  | false  false |  | 0 |
|  | None of the above |  | 0 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |
|  | For any incorrect response: | Your answer is incorrect. |  |
|  | Hint 1: |  |  |
|  | Show the number of correct responses (Hint 1): | No |  |
|  | Clear incorrect responses (Hint 1): | No |  |
|  | Tags: |  |  |
| *Allows the selection of a single or multiple responses from a pre-defined list. (MC/MA)* | | |  |

## Q8 SE,Easy

| State which of the following is not true? | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | Yes |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | break statement breaks from if statement |  | 100 |
|  | continue statement skips the current iteration of the loop |  | 0 |
|  | switch case can switch a String value passed to it also |  | 0 |
|  | do while loop will run atleast once |  | 0 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |
|  | For any incorrect response: | Your answer is incorrect. |  |
|  | Hint 1: |  |  |
|  | Show the number of correct responses (Hint 1): | No |  |
|  | Clear incorrect responses (Hint 1): | No |  |
|  | Tags: |  |  |
| *Allows the selection of a single or multiple responses from a pre-defined list. (MC/MA)* | | |  |

## Q9 SE,Difficult

| State which of the following code will not print output as :- pass | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | int marks1= 30;  int marks2=80;  if(marks1>=35 && marks2>=35)  {  System.out.println(“pass”)  } |  | 100 |
|  | int marks1= 30;  int marks2=80;  if(marks1>=35 || marks2>= 35)  {  System.out.println(“pass”);  } |  | 0 |
|  | int marks1= 30;  int marks2=80;  if(marks1!=35)  {  System.out.println(“pass”);  } |  | 0 |
|  | None of the above |  | 0 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |
|  | For any incorrect response: | Your answer is incorrect. |  |
|  | Hint 1: |  |  |
|  | Show the number of correct responses (Hint 1): | No |  |
|  | Clear incorrect responses (Hint 1): | No |  |
|  | Tags: |  |  |
| *Allows the selection of a single or multiple responses from a pre-defined list. (MC/MA)* | | |  |

## Q10 SE,Easy

| State what is output of below code if added inside main method?  int no=4;  System.out.println(++no); | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | Compiler syntax error |  | 0 |
|  | 4 |  | 0 |
|  | 5 |  | 100 |
|  | None of the above |  | 0 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |
|  | For any incorrect response: | Your answer is incorrect. |  |
|  | Hint 1: |  |  |
|  | Show the number of correct responses (Hint 1): | No |  |
|  | Clear incorrect responses (Hint 1): | No |  |
|  | Tags: |  |  |
| *Allows the selection of a single or multiple responses from a pre-defined list. (MC/MA)* | | |  |