

Semester: July 2024 – Oct 2025										
Maximum Marks: 10	Debug Test	Duration : 10 min								
Programme: B.Tech	Class: FY	Semester: I (SVU 2023)								
Name of the Constituent College: K. J. Somaiya College of Engineering										
Course Code: 216U06L101	Name of the Course: Python Programming									
Roll No:	Name:									
Division and Batch:	Sign:									
<p>Instruction:- There will be logical, syntax error, or missing statements (more than one line) in the given program. A student needs to identify and correct it. If needed type the corrected code accordingly in given format.</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Line no</th> <th style="width: 35%;">Error</th> <th style="width: 25%;">Explanation</th> <th style="width: 25%;">corrected code</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			Line no	Error	Explanation	corrected code				
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Question	Write a program that accepts date of birth along with other personal details of a person. Throw an exception if an invalid date is entered.
<pre> 1. from datetime <u>import</u> datetime 2. def validate_date(date_str): 3. try: 4. dob = datetime.strptime(date_str, "%Y-%m-%d") 5. <u>return dob</u> 6. except ValueError: 7. raise ValueError("Invalid date format. Please enter the date in YYYY-MM-DD format.") 8. def get_personal_details(): 9. try: 10. name = output <u>input</u>("Enter your name: ") 11. email = input("Enter your email: ") 12. phone = input("Enter your phone number: ") 13. dob_str = input("Enter your date of birth (YYYY-MM-DD): ") 14. dob = validate_date(dob_str) 15. print("\nPersonal Details:") 16. print(f"Name: {name}") <u>print(f"Name: {name}")</u> 17. print(f"Email: {email}") 18. print(f"Phone: {phone}") 19. print(f>Date of Birth: {dob.strftime('%Y-%m-%d')})") 20. except ValueError as <u>e</u>: 21. print(<u>e</u>) 22. get_personal_details()</pre>	

Line no	Error	Explanation	corrected code	marks
1	missing statements	Corrected the import statement	from datetime import datetime	2
5	missing statements	Added the return statement from the <u>validate_date</u> function.	return <u>dob</u>	2

10	Incorrect function	Fixed the <code>input()</code> function to replace the incorrect <code>output()</code>	<code>name = <i>input</i>("Enter your name: ")</code>	1
16	Incorrect Syntax	f-string syntax	<code>print(f"Name: {name}")</code>	1
20	Missing variable	Added the exception variable <code>e</code> to properly catch the <code>ValueError</code> and print the error message.	<code>except ValueError as e:</code>	2
21	Missing variable	Modified the error message to print the exception message (<code>e</code>).	<code>print(e)</code>	2