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```
[1]: class InvalidScoreError(Exception):
      def __init__(self, score, message="Score must be between 0 and 100"):
          self.score = score
          self.message = message
          super().__init__(f"{message} You entered: {score}")
      def validate_score(score):
          if score < 0 or score > 100:
              raise InvalidScoreError(score)
          return f"Score {score} is valid."
      try:
          user_input = input("Enter the exam score (0-100): ")
          score = float(user_input)
          message = validate_score(score)
          print(message)
      except InvalidScoreError as e:
          print(f"InvalidScoreError: {e}")
      except ValueError:
          print("Error: Please enter a valid number.")
```

```
Enter the exam score (0-100): 80
Score 80.0 is valid.
```

```
[ ]:
```