```javascript
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    // defining the oceanic plate
    "model": "oceanic plate", "name": "oceanic plate",
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      "ridge coordinates": [[1, 3], [1, 3]]
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    "composition models":
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      "uniform", "composition": (1), "max depth": 3000,
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    // defining the continental plate
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    "temperature models":
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    "composition models":
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      "uniform", "composition": (3), "max depth": 3000,
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    // defining the upper mantle
    "model": "mantle layer", "name": "upper mantle",
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  // defining the lower mantle
  "model": "mantle layer", "name": "lower mantle",
  "min depth": 55000, "max depth": 110000,
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    "top temperature": 1400, "bottom temperature": 1000
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  "composition models": ["model": "uniform", "composition": (5)]
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// defining the subducting plate dipping towards the continental plate
  "model": "subducting plate", "name": "subducting plate",
  "coordinates": [[11.5, 0], [11.5, 0]], "slip point": [10, 0],
  "segments": [["length": 25000, "thickness": 9500, "angle": 0, 45],
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    [["length": 11000, "thickness": 9500, "angle": 0]],
    "temperature models":
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      "max distance slab top": 11000,
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    "composition models":
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