Задача 5

Решение задачи Коши методом Эйлера

Вывод программы

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| Iteration | X | Y | Y' |

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| 1 | 0.05 | 1.04215 | 1.04163 |

| 2 | 0.10 | 1.08224 | 1.08175 |

| 3 | 0.15 | 1.12037 | 1.11991 |

| 4 | 0.20 | 1.15666 | 1.15623 |

| 5 | 0.25 | 1.19122 | 1.19081 |

| 6 | 0.30 | 1.22415 | 1.22377 |

| 7 | 0.35 | 1.25556 | 1.25520 |

| 8 | 0.40 | 1.28553 | 1.28519 |

| 9 | 0.45 | 1.31416 | 1.31384 |

| 10 | 0.50 | 1.34152 | 1.34122 |

| 11 | 0.55 | 1.36770 | 1.36742 |

| 12 | 0.60 | 1.39276 | 1.39249 |

| 13 | 0.70 | 1.44077 | 1.43978 |

| 14 | 0.80 | 1.48490 | 1.48402 |

| 15 | 0.90 | 1.52558 | 1.52479 |

| 16 | 1.00 | 1.56317 | 1.56246 |

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