Ingegneria del Software

Anno Accademico 2023-2024

**Documento del Test**

***Calcolatrice Scientifica***

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*Group02*

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| **FTC1** | **Inserimento valori e operazione generica** |
| **Precondizione** | Stack: 5+i, 6+10i, 77i, -78; |
| **Flusso degli eventi** | Digito il numero 89-8i.  Clicco invio.  Digito il numero 55.  Clicco invio.  Digito in numero -24i.  Clicco invio.  Digito +.  Clicco invio. |
| **Post condizione** | Stack: 55-24i, 89-8i, 5+i, 6+10i, 77i, -78; |
| **Use Cases** | Inserisci Operando-Esegui-Inserisci Operatore-Visualizza Aggiornamento |

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| **FTC2** | **Visualizzazione 12 elementi stack** |
| **Precondizione** | Stack: pieno;  Stack visualizzato: 8+7i, 10, 5i, -88i, -104, -60-66i, 7, 99+88i, 13+17i, 11+25i, 12+88i; |
| **Flusso degli eventi** | Clicco drop.  Digito il numero 8-8i.  Clicco invio.  Clicco drop.  Digito il numero 59.  Clicco invio. |
| **Post condizione** | Stack: pieno  Stack visualizzato: 59, 8-8i, 5i, -88i, -104, -60-66i, 7, 99+88i, 13+17i, 11+25i, 12+88i; |
| **Use Cases** | Inserisci Operatore, Inserisci operando, Esegui, Visualizza aggiornamento. |

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| **FTC3** | **Scelta variabili** |
| **Precondizione** | Stack: 8+7i, 10, 5i, -4, -68-66i, 7, 99+88i, 195+17i, 11+24i, 12+88i; |
| **Flusso degli eventi** | Seleziono la variabile ‘a’ dal menù a tendina  Digito >a;  Digito drop;  Seleziono la variabile ‘z’ dal menù a tendina  Digito >z;  Digito <z;  Digito <a; |
| **Post condizione** | Stack: 8+7i, 10, 10, 5i, -4, -68-66i, 7, 99+88i, 195+17i, 11+24i, 12+88i;  a=8+7i; z=10; |
| **Use Cases** | Inserisci operando, Inserisci operatore, Esegui, Visualizza aggiornamento. |

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| **FTC4** | **Visibilità display** |
| **Precondizione** | Stack: 8+7i, 877, 99+99i, 195+17i, 11+2704, 12+88i;  Display: ; |
| **Flusso degli eventi** | Digito il numero 4+5i; |
| **Post condizione** | Stack: 8+7i, 877, 99+99i, 195+17i, 11+2704, 12+88i;  Display: 4+5i: |
| **Use Cases** | Inserisci operando. |

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| **FTC5** | **Dimensione massima stack 24** |
| **Precondizione** | Stack: stack pieno;  Stack visualizzato: 77, 45+10i, 5i, -99, -21i, -8+10i, -99, -22-88i, 9, 4-5i, 77-9i, 12 |
| **Flusso degli eventi** | Clicco drop;  Digito il numero 4+5i;  Clicco invio  Digito il numero 58;  Clicco invio; |
| **Post condizione** | Syntax Error lo stack è pieno.  Il programma si chiude. |
| **Use Cases** | Inserisci operatore, inserisci operando, esegui, visualizza aggiornamento, mostra errore. |

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| **FTC6** | **Risultato radice quadrata** |
| **Precondizione** | Stack: stack pieno;  Stack visualizzato: 78, 5+10i, 5i, -99, -21i, -8+11.666i, -99, -22-88i, 9, 4-5i 77-7i, 2 |
| **Flusso degli eventi** | Clicco drop;  Digito il numero 4+5i;  Clicco invio  Clicco sqrt;  Clicco invio; |
| **Post condizione** | Syntax Error lo stack è pieno.  Il programma si chiude. |
| **Use Cases** | Inserisci operatore, inserisci operando, visualizza aggiornamento, esegui, mostra errore. |

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| **FTC7** | **Operazione non unaria** |
| **Precondizione** | Stack visualizzato: 78, 9, -62-88i, 97.25, 4-5i, 97-7i, 2 |
| **Flusso degli eventi** | Clicco drop;  Clicco drop;  Clicco drop;  Clicco drop;  Clicco drop;  Clicco ‘+’;  Clicco esegui; |
| **Post condizione** | Stack: 2;  Syntax Error l’addizione è un operazione non unaria.  Il programma si chiude. |
| **Use Cases** | Inserisci operatore, esegui, visualizza aggiornamento mostra errore. |

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| **FTC8** | **Operazione unaria** |
| **Precondizione** | Stack visualizzato: 78.5, 9, -45-88i, 97, 4-77i, 9i, 2 |
| **Flusso degli eventi** | Clicco drop;  Clicco drop;  Clicco drop;  Clicco drop;  Clicco drop;  Clicco drop;  Digito ‘+-’;  Clicco esegui; |
| **Post condizione** | Stack: ;  Syntax Error il cambio segno è un operazione unaria.  Il programma si chiude. |
| **Use Cases** | Inserisci operatore, esegui, visualizza aggiornamento mostra errore. |

1. **Unit Test**
   1. **Test Classe: ComplexNumber**

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| **UTC 1.1.1** | **Test ComplexNumber.getRealPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: getRealPart; |
| **Input** | Complexnumber num = new ComplexNumber(5+11i);  double out = num.getRealPart(); |
| **Oracle** | out== 5; |

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| **UTC 1.1.2** | **Test ComplexNumber.getRealPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: getRealPart; |
| **Input** | Complexnumber num = new ComplexNumber(-75+11i);  double out = num.getRealPart(); |
| **Oracle** | out== -75; |

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| **UTC 1.1.3** | **Test ComplexNumber.getRealPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: getRealPart; |
| **Input** | Complexnumber num = new ComplexNumber(5.6+11i);  double out = num.getRealPart(); |
| **Oracle** | out== 5.6; |

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| **UTC 1.1.4** | **Test ComplexNumber.getRealPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: getRealPart; |
| **Input** | Complexnumber num = new ComplexNumber(-7.5+11i);  double out = num.getRealPart(); |
| **Oracle** | out== -7.5; |

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| **UTC 1.1.5** | **Test ComplexNumber.getRealPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: getRealPart; |
| **Input** | Complexnumber num = new ComplexNumber(12i);  double out = num.getRealPart(); |
| **Oracle** | out== 0; |

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| **UTC 1.1.6** | **Test ComplexNumber.getRealPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: getRealPart; |
| **Input** | Complexnumber num = new ComplexNumber(96);  double out = num.getRealPart(); |
| **Oracle** | out== 96; |

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| **UTC 1.2.1** | **Test ComplexNumber.getImaginaryPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: getImaginaryPart; |
| **Input** | Complexnumber num = new ComplexNumber(7+11i);  double out = num. getImaginaryPart (); |
| **Oracle** | out== 11; |

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| **UTC 1.2.2** | **Test ComplexNumber.** **getImaginaryPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: getImaginaryPart; |
| **Input** | Complexnumber num = new ComplexNumber(7+-71i);  double out = num. getImaginaryPart (); |
| **Oracle** | out== -71; |

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| **UTC 1.2.3** | **Test ComplexNumber.** **getImaginaryPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: getImaginaryPart; |
| **Input** | Complexnumber num = new ComplexNumber(5.6+7.7i);  double out = num. getImaginaryPart (); |
| **Oracle** | out== 7.7; |

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| **UTC 1.2.4** | **Test ComplexNumber.** **getImaginaryPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: getImaginaryPart; |
| **Input** | Complexnumber num = new ComplexNumber(-7.5-8.9i);  double out = num. getImaginaryPart(); |
| **Oracle** | out== -8.9; |

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| **UTC 1.2.5** | **Test ComplexNumber.** **getImaginaryPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: getImaginaryPart; |
| **Input** | Complexnumber num = new ComplexNumber(12);  double out = num. getImaginaryPart (); |
| **Oracle** | out== 0; |

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| **UTC 1.2.6** | **Test ComplexNumber.** **getImaginaryPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: getImaginaryPart; |
| **Input** | Complexnumber num = new ComplexNumber(19);  double out = num. getImaginaryPart (); |
| **Oracle** | out== 19; |

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| **UTC 1.3.1** | **Test ComplexNumber.setRealPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: setRealPart; |
| **Input** | Complexnumber num = new ComplexNumber(11i);  num.setRealPart(5);  double out = num.getRealPart(); |
| **Oracle** | out== 5; |

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| **UTC 1.3.2** | **Test ComplexNumber.setRealPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: setRealPart; |
| **Input** | Complexnumber num = new ComplexNumber(20+11i);  num.setRealPart(-75);  double out = num.getRealPart(); |
| **Oracle** | out== -75; |

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| **UTC 1.3.3** | **Test ComplexNumber.setRealPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: setRealPart; |
| **Input** | Complexnumber num = new ComplexNumber(12+11i);  num.setRealPart(5.6);  double out = num.getRealPart(); |
| **Oracle** | out== 5.6; |

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| **UTC 1.3.4** | **Test ComplexNumber.setRealPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: setRealPart; |
| **Input** | Complexnumber num = new ComplexNumber(-9.3+11i);  num.setRealPart(-7.5);  double out = num.getRealPart(); |
| **Oracle** | out== -7.5; |

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| **UTC 1.3.5** | **Test ComplexNumber.setRealPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: setRealPart; |
| **Input** | Complexnumber num = new ComplexNumber(1-12i);  num.setRealPart(0);  double out = num.getRealPart(); |
| **Oracle** | out== 0; |

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| **UTC 1.3.6** | **Test ComplexNumber.setRealPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: setRealPart; |
| **Input** | Complexnumber num = new ComplexNumber(15i);  num.setRealPart(96);  double out = num.getRealPart(); |
| **Oracle** | out== 96; |

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| **UTC 1.4.1** | **Test ComplexNumber.setImaginaryPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: setImaginaryPart; |
| **Input** | Complexnumber num = new ComplexNumber(7+21i);  num.setImaginaryPart(11);  double out = num.getImaginaryPart(); |
| **Oracle** | out== 11; |

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| **UTC 1.4.2** | **Test ComplexNumber.** **setImaginaryPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: setImaginaryPart; |
| **Input** | Complexnumber num = new ComplexNumber(7-51i);  num.setImaginaryPart(-71);  double out = num.getImaginaryPart(); |
| **Oracle** | out== -71; |

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| **UTC 1.4.3** | **Test ComplexNumber.** **setImaginaryPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: setImaginaryPart; |
| **Input** | Complexnumber num = new ComplexNumber(5.6+3.7i);  num.setImaginaryPart(7.7);  double out = num.getImaginaryPart(); |
| **Oracle** | out== 7.7; |

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| **UTC 1.4.4** | **Test ComplexNumber.** **setImaginaryPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: setImaginaryPart; |
| **Input** | Complexnumber num = new ComplexNumber(-7.5-3.4i);  num.setImaginaryPart(-8.9);  double out = num.getImaginaryPart(); |
| **Oracle** | out== -8.9; |

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| **UTC 1.4.5** | **Test ComplexNumber.** **setImaginaryPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: setImaginaryPart; |
| **Input** | Complexnumber num = new ComplexNumber(2.5+i);  num.setImaginaryPart(0);  double out = num.getImaginaryPart(); |
| **Oracle** | out== 0; |

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| **UTC 1.4.6** | **Test ComplexNumber.** **setImaginaryPart** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: setImaginaryPart; |
| **Input** | Complexnumber num = new ComplexNumber(0);  num.setImaginaryPart(19);  double out = num.getImaginaryPart(); |
| **Oracle** | out== 19; |

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| **UTC 1.5.1** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 7+11i, 8+11i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7+11i”);  Complexnumber num2 = new ComplexNumber(“8+11i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 15+22i; |

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| **UTC 1.5.2** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 7+15i,-78+11i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7+15i”);  Complexnumber num2 = new ComplexNumber(“-78+11i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -71+26i; |

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| **UTC 1.5.3** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -10+25i,7+21i, 77, 95i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-10+25i”);  Complexnumber num2 = new ComplexNumber(“7+21i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -3+46i; |

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| **UTC 1.5.4** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 7-75i,66+11i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7-75i”);  Complexnumber num2 = new ComplexNumber(“66+11i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 73-64i; |

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| **UTC 1.5.5** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 7+13i,29-45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7+13i”);  Complexnumber num2 = new ComplexNumber(“29-45i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 36-32i; |

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| **UTC 1.5.6** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -77+19i,-78+21i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-77+19i”);  Complexnumber num2 = new ComplexNumber(“-78+21i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -155+40i; |

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| **UTC 1.5.7** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 7-15i,77-5i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7-15i”);  Complexnumber num2 = new ComplexNumber(“77-5i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 84-20i; |

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| **UTC 1.5.8** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 7+15i,-48-88i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7+15i”);  Complexnumber num2 = new ComplexNumber(“-48-88i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -55+73i; |

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| **UTC 1.5.9** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -99-56i,8+10i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-99-56i”);  Complexnumber num2 = new ComplexNumber(“8+10i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -91+46i; |

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| **UTC 1.5.10** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 0.7+1.15i,0.1+0.21i, 100, 77i, 98i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“0.7+0.15i”);  Complexnumber num2 = new ComplexNumber(“0.1+0.21i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 0.8+0.36i; |

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| **UTC 1.5.11** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -3.7-5.15i,-0.78-2.99i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-3.7-5.15i”);  Complexnumber num2 = new ComplexNumber(“-0.78-2.99i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -4.48+8.14i; |

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| **UTC 1.5.12** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -8.8+0.5i,0.8+3.9i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-8.8+0.5i”);  Complexnumber num2 = new ComplexNumber(“0.8+3.9i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -8.0+4.4; |

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| **UTC 1.5.13** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 7.3+1.5i,-0.7+77.79i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.3+1.5i”);  Complexnumber num2 = new ComplexNumber(“-0.7+77.79i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 6.6+79.29; |

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| **UTC 1.5.14** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -7.7+6.15i,-0.78+9.9i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-7.7+6.15i”);  Complexnumber num2 = new ComplexNumber(“-0.78+9.9i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -8.48+16.05i; |

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| **UTC 1.5.15** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 6.27+15.2i,0.75-4.9i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“6.27+15.2i”);  Complexnumber num2 = new ComplexNumber(“0.75-4.9i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 7.02+10.3i; |

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| **UTC 1.5.16** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 46.8-15.5i,99.9+5.9i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“46.8-15.5i”);  Complexnumber num2 = new ComplexNumber(“99.9+5.9i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 146.7+-9.6i; |

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| **UTC 1.5.17** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 7.1-15.66i,8.9-7.7i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.1-15.66i”);  Complexnumber num2 = new ComplexNumber(“8.9-7.7i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 16.0-23.36i; |

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| **UTC 1.5.18** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -7.9-1.7i,9.8+80.1i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-7.9-1.7i”);  Complexnumber num2 = new ComplexNumber(“9.8+80.1i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 1.9+78.4i; |

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| **UTC 1.5.19** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 7.29+12.7i,-5.8-12.1i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.29+12.7i”);  Complexnumber num2 = new ComplexNumber(“-5.8-12.1i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 1.49+0.6i; |

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| **UTC 1.5.20** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 79+17i,8, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“79+17i”);  Complexnumber num2 = new ComplexNumber(“8”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 87+17i; |

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| **UTC 1.5.21** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 75+5i,-9, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“75+5i”);  Complexnumber num2 = new ComplexNumber(“-9”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 66+5i; |

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| **UTC 1.5.22** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -97+15i,78, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-97+15i”);  Complexnumber num2 = new ComplexNumber(“78”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -19+15i; |

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| **UTC 1.5.23** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -71+26i,-81, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-71+26i”);  Complexnumber num2 = new ComplexNumber(“-81”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -152+26i; |

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| **UTC 1.5.24** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 7,10+2i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7”);  Complexnumber num2 = new ComplexNumber(“10+2i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 17+2i; |

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| **UTC 1.5.25** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 8,-78+77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“8”);  Complexnumber num2 = new ComplexNumber(“-78+77i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -70+77i; |

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| **UTC 1.5.26** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -88,-98+77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-88”);  Complexnumber num2 = new ComplexNumber(“-98+77i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -186+77i; |

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| **UTC 1.5.27** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -88,8+77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-88”);  Complexnumber num2 = new ComplexNumber(“8+77i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== --80+77i; |

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| **UTC 1.5.28** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 39,25, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“39”);  Complexnumber num2 = new ComplexNumber(“25”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 64; |

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| **UTC 1.5.29** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 110,-97, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“110”);  Complexnumber num2 = new ComplexNumber(“-97”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 13; |

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| **UTC 1.5.30** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -10,7, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-10”);  Complexnumber num2 = new ComplexNumber(“7”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()==-3; |

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| **UTC 1.5.31** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -39,-5, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-39”);  Complexnumber num2 = new ComplexNumber(“-5”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -44; |

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| **UTC 1.5.32** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 79.1+1.7i,8.2, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“79.1+1.7i”);  Complexnumber num2 = new ComplexNumber(“8.2”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 87.3+1.7i; |

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| **UTC 1.5.33** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 0.5+0.5i,-8.7, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“0.5+0.5i”);  Complexnumber num2 = new ComplexNumber(“-8.7”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -8.2+0.5i; |

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| **UTC 1.5.34** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -9.17+2.15i,6.8, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-9.17+2.15i”);  Complexnumber num2 = new ComplexNumber(“6.8”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -2.37+2.15i; |

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| **UTC 1.5.35** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -7.1+2.6i,-8.1, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-7.1+2.6i”);  Complexnumber num2 = new ComplexNumber(“-8.1”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -15.2+2.6i; |

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| **UTC 1.5.36** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 7.9,1.2+2.1i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.9”);  Complexnumber num2 = new ComplexNumber(“1.2+2.1i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 9.1+2.1i; |

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| **UTC 1.5.37** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 8.6,-7.8+7.7i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“8.6”);  Complexnumber num2 = new ComplexNumber(“-7.8+7.7i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -0.8+7.7i; |

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| **UTC 1.5.38** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -8.18,-9.8+7.27i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-8.18”);  Complexnumber num2 = new ComplexNumber(“-9.8+7.27i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -17.98+7.27i; |

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| **UTC 1.5.39** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -8.28, 8.1+7.17i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-8.28”);  Complexnumber num2 = new ComplexNumber(“8.1+7.17i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -0.18+7.17i; |

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| **UTC 1.5.40** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 3.9,2.5, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“3.9”);  Complexnumber num2 = new ComplexNumber(“2.5”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 6.4; |

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| **UTC 1.5.41** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 1.1, -9.7, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“1.1”);  Complexnumber num2 = new ComplexNumber(“-9.7”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 10.8; |

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| **UTC 1.5.42** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -0.1,0.7, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-0.1”);  Complexnumber num2 = new ComplexNumber(“0.7”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()==0.6; |

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| **UTC 1.5.43** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -3.9,-5.2, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-3.9”);  Complexnumber num2 = new ComplexNumber(“-5.2”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -9.1; |

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| **UTC 1.5.44** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 79+7i,8i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“79+7i”);  Complexnumber num2 = new ComplexNumber(“8i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 79+15i; |

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| **UTC 1.5.45** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 75+51i,-9i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“75+51i”);  Complexnumber num2 = new ComplexNumber(“-9i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 75+60i; |

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| **UTC 1.5.46** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 7-15i,58, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“+7-15i”);  Complexnumber num2 = new ComplexNumber(“58”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 65-15i; |

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| **UTC 1.5.47** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 71-26i,-81i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“71-26i”);  Complexnumber num2 = new ComplexNumber(“-81i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 71-107i; |

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| **UTC 1.5.48** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 7i,10+2i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7i”);  Complexnumber num2 = new ComplexNumber(“10+2i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 10+9i; |

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| **UTC 1.5.49** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 8i,78+77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“8i”);  Complexnumber num2 = new ComplexNumber(“78+77i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 78+85i; |

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| **UTC 1.5.50** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -88,98-74i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-88”);  Complexnumber num2 = new ComplexNumber(“98-74i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 98+162i; |

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| **UTC 1.5.51** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -81, 8+77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-81i”);  Complexnumber num2 = new ComplexNumber(“8+77i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -8-4i; |

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| **UTC 1.5.52** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 39i, 25i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“39i”);  Complexnumber num2 = new ComplexNumber(“25i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 64i; |

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| **UTC 1.5.53** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 110i, -97i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“110i”);  Complexnumber num2 = new ComplexNumber(“-97i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 13i; |

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| **UTC 1.5.54** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -10i, 7i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-10i”);  Complexnumber num2 = new ComplexNumber(“7i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()==-3i; |

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| **UTC 1.5.55** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -39i, -5i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-39i”);  Complexnumber num2 = new ComplexNumber(“-5i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -44i; |

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| **UTC 1.5.56** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 79.1+1.7i, 8.2i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“79.1+1.7i”);  Complexnumber num2 = new ComplexNumber(“8.2i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 79.1+9.9i; |

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| **UTC 1.5.57** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 0.5+0.5i, -8.7i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“0.5+0.5i”);  Complexnumber num2 = new ComplexNumber(“-8.7i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 0.5-8.2i; |

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| **UTC 1.5.58** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 9.17-2.15i, 6.8i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“+9.17-2.15i”);  Complexnumber num2 = new ComplexNumber(“6.8i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 9.17+4.65i; |

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| **UTC 1.5.59** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 7.1+2.6i, -8.1i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.1+2.6i”);  Complexnumber num2 = new ComplexNumber(“-8.1i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 7.1-5.5i; |

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| **UTC 1.5.60** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 7.9i, 1.2+2.1i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.9i”);  Complexnumber num2 = new ComplexNumber(“1.2+2.1i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 1.2+10.0i; |

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| **UTC 1.5.61** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 8.6i, 7.8-7.7i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“8.6i”);  Complexnumber num2 = new ComplexNumber(“7.8-7.7i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 7.8+0.9i; |

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| **UTC 1.5.62** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -8.18i, 9.8-7.27i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-8.18i”);  Complexnumber num2 = new ComplexNumber(“9.8-7.27i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 9.8+15.45i; |

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| **UTC 1.5.63** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -8.28i, 8.1+7.17i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-8.28i”);  Complexnumber num2 = new ComplexNumber(“8.1+7.17i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -8.1-1.11i; |

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| **UTC 1.5.64** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 3.9i, 2.5i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“3.9i”);  Complexnumber num2 = new ComplexNumber(“2.5i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== 6.4; |

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| **UTC 1.5.65** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: 1.1i, -9.7i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“1.1i”);  Complexnumber num2 = new ComplexNumber(“-9.7i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -8.6; |

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| **UTC 1.5.66** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -0.1i, 0.7i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-0.1i”);  Complexnumber num2 = new ComplexNumber(“0.7i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()==0.6i; |

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| **UTC 1.5.67** | **Test ComplexNumber.sum** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sum; |
| **Precondizione** | Stack: -3.9i, -5.2i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-3.9i”);  Complexnumber num2 = new ComplexNumber(“-5.2i”);  ComplexNumber somma = num1.sum(num2); |
| **Oracle** | somma.toString()== -9.1i; |

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| **UTC 1.6.1** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 7+11i, 8+11i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7+11i”);  Complexnumber num2 = new ComplexNumber(“8+11i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-1; |

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| **UTC 1.6.2** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 7+15i,-78+11i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7+15i”);  Complexnumber num2 = new ComplexNumber(“-78+11i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==85 + 4i; |

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| **UTC 1.6.3** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -10+25i,7+21i, 77, 95i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-10+25i”);  Complexnumber num2 = new ComplexNumber(“7+21i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-17+4i; |

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| **UTC 1.6.4** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 7-75i,66+11i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7-75i”);  Complexnumber num2 = new ComplexNumber(“66+11i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-59-86i; |

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| **UTC 1.6.5** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 7+13i,29-45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7+13i”);  Complexnumber num2 = new ComplexNumber(“29-45i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-22+58i; |

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| **UTC 1.6.6** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -77+19i,-78+21i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-77+19i”);  Complexnumber num2 = new ComplexNumber(“-78+21i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==1-2i; |

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| **UTC 1.6.7** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 7-15i,77-5i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7-15i”);  Complexnumber num2 = new ComplexNumber(“77-5i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-70-10i; |

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| **UTC 1.6.8** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 7+15i,-48-88i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7+15i”);  Complexnumber num2 = new ComplexNumber(“-48-88i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==55+103i; |

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| **UTC 1.6.9** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -99-56i,8+10i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-99-56i”);  Complexnumber num2 = new ComplexNumber(“8+10i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-107-66i; |

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| **UTC 1.6.10** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 0.7+1.15i,0.1+0.21i, 100, 77i, 98i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“0.7+0.15i”);  Complexnumber num2 = new ComplexNumber(“0.1+0.21i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==0.6-0.06i; |

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| **UTC 1.6.11** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -3.7-5.15i,-0.78-2.99i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-3.7-5.15i”);  Complexnumber num2 = new ComplexNumber(“-0.78-2.99i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-2.92-2.16i; |

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| **UTC 1.6.12** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -8.8+0.5i,0.8+3.9i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-8.8+0.5i”);  Complexnumber num2 = new ComplexNumber(“0.8+3.9i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-9.6-3.4i; |

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| **UTC 1.6.13** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 7.3+1.5i,-0.7+77.79i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.3+1.5i”);  Complexnumber num2 = new ComplexNumber(“-0.7+77.79i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==8-76.29; |

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| **UTC 1.6.14** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -7.7+6.15i,-0.78+9.9i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-7.7+6.15i”);  Complexnumber num2 = new ComplexNumber(“-0.78+9.9i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-6.92-3.75i; |

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| **UTC 1.6.15** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 6.27+15.2i,0.75-4.9i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“6.27+15.2i”);  Complexnumber num2 = new ComplexNumber(“0.75-4.9i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==7.02+20.1i; |

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| **UTC 1.6.16** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 46.8-15.5i,99.9+5.9i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“46.8-15.5i”);  Complexnumber num2 = new ComplexNumber(“99.9+5.9i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-53.1-24.4i; |

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| **UTC 1.6.17** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 7.1-15.66i,8.9-7.7i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.1-15.66i”);  Complexnumber num2 = new ComplexNumber(“8.9-7.7i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-1.8-7.96i; |

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| **UTC 1.6.18** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -7.9-1.7i,9.8+80.1i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-7.9-1.7i”);  Complexnumber num2 = new ComplexNumber(“9.8+80.1”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-97.8-1.7i; |

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| **UTC 1.6.19** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 7.29+12.7i,-5.8-12.1i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.29+12.7i”);  Complexnumber num2 = new ComplexNumber(“-5.8-12.1i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==13.09-24.8i; |

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| **UTC 1.6.20** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 79+17i,8, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“79+17i”);  Complexnumber num2 = new ComplexNumber(“8”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==71+17i; |

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| **UTC 1.6.21** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 75+5i,-9, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“75+5i”);  Complexnumber num2 = new ComplexNumber(“-9”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==84+5i; |

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| **UTC 1.6.22** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -97+15i,78, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-97+15i”);  Complexnumber num2 = new ComplexNumber(“78”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==--175+15i; |

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| **UTC 1.6.23** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -71+26i,-81, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-71+26i”);  Complexnumber num2 = new ComplexNumber(“-81”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==10+26i; |

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| **UTC 1.6.24** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 7,10+2i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7”);  Complexnumber num2 = new ComplexNumber(“10+2i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-3+2i; |

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| **UTC 1.6.25** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 8,-78+77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“8”);  Complexnumber num2 = new ComplexNumber(“-78+77i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==86-77i; |

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| **UTC 1.6.26** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -88,-98+77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-88”);  Complexnumber num2 = new ComplexNumber(“-98+77i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==10-77i; |

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| **UTC 1.6.27** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -88,8+77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-88”);  Complexnumber num2 = new ComplexNumber(“8+77i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-96-77i; |

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| **UTC 1.6.28** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 39,25, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“39”);  Complexnumber num2 = new ComplexNumber(“25”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==14; |

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| **UTC 1.6.29** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 110,-97, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“110”);  Complexnumber num2 = new ComplexNumber(“-97”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==207; |

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| **UTC 1.6.30** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -10,7, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-10”);  Complexnumber num2 = new ComplexNumber(“7”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | Sottrazione.toString()==-17; |

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| **UTC 1.6.31** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -39,-5, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-39”);  Complexnumber num2 = new ComplexNumber(“-5”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-34; |

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| **UTC 1.6.32** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 79.1+1.7i,8.2, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“79.1+1.7i”);  Complexnumber num2 = new ComplexNumber(“8.2”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==70.9+1.7i; |

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| **UTC 1.6.33** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 0.5+0.5i,-8.7, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“0.5+0.5i”);  Complexnumber num2 = new ComplexNumber(“-8.7”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==9.2+0.5i; |

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| **UTC 1.6.34** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -9.17+2.15i,6.8, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-9.17+2.15i”);  Complexnumber num2 = new ComplexNumber(“6.8”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-15.97+2.15i; |

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| **UTC 1.6.35** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -7.1+2.6i,-8.1, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-7.1+2.6i”);  Complexnumber num2 = new ComplexNumber(“-8.1”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==1+2.6i; |

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| **UTC 1.6.36** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 7.9,1.2+2.1i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.9”);  Complexnumber num2 = new ComplexNumber(“1.2+2.1i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==6.7-2.1i; |

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| **UTC 1.6.37** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 8.6,-7.8+7.7i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“8.6”);  Complexnumber num2 = new ComplexNumber(“-7.8+7.7i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==16.4-7.7i; |

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| **UTC 1.6.38** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -8.18,-9.8+7.27i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-8.18”);  Complexnumber num2 = new ComplexNumber(“-9.8+7.27i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==1.62-7.27i; |

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| **UTC 1.6.39** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -8.28, 8.1+7.17i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-8.28”);  Complexnumber num2 = new ComplexNumber(“8.1+7.17i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-16.38-7.17i; |

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| **UTC 1.6.40** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 3.9,2.5, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“3.9”);  Complexnumber num2 = new ComplexNumber(“2.5”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==1.4; |

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| **UTC 1.6.41** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 1.1, -9.7, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“1.1”);  Complexnumber num2 = new ComplexNumber(“-9.7”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==10.8; |

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| **UTC 1.6.42** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -0.1,0.7, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-0.1”);  Complexnumber num2 = new ComplexNumber(“0.7”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione==-0.8; |

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| **UTC 1.6.43** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -3.9,-5.2, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-3.9”);  Complexnumber num2 = new ComplexNumber(“-5.2”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==1.3; |

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| **UTC 1.6.44** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 79+7i,8i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“79+7i”);  Complexnumber num2 = new ComplexNumber(“8i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==79-i; |

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| **UTC 1.6.45** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 75+51i,-9i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“75+51i”);  Complexnumber num2 = new ComplexNumber(“-9i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==75+60i; |

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| **UTC 1.6.46** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 7-15i,58, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“+7-15i”);  Complexnumber num2 = new ComplexNumber(“58”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-51-15i; |

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| **UTC 1.6.47** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 71-26i,-81i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“71-26i”);  Complexnumber num2 = new ComplexNumber(“-81i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==71+55i; |

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| **UTC 1.6.48** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 7i,10+2i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7i”);  Complexnumber num2 = new ComplexNumber(“10+2i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-10+5i; |

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| **UTC 1.6.49** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 8i,78+77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“8i”);  Complexnumber num2 = new ComplexNumber(“78+77i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-78-69i; |

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| **UTC 1.6.50** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -88,98-74i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-88”);  Complexnumber num2 = new ComplexNumber(“98-74i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-186+74i; |

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| **UTC 1.6.51** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -81, 8+77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-81i”);  Complexnumber num2 = new ComplexNumber(“8+77i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-8-158i; |

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| **UTC 1.6.52** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 39i, 25i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“39i”);  Complexnumber num2 = new ComplexNumber(“25i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==14i; |

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| **UTC 1.6.53** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 110i, -97i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“110i”);  Complexnumber num2 = new ComplexNumber(“-97i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==207i; |

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| **UTC 1.6.54** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -10i, 7i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-10i”);  Complexnumber num2 = new ComplexNumber(“7i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-17i; |

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| **UTC 1.6.55** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -39i, -5i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-39i”);  Complexnumber num2 = new ComplexNumber(“-5i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-34i; |

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| **UTC 1.6.56** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 79.1+1.7i, 8.2i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“79.1+1.7i”);  Complexnumber num2 = new ComplexNumber(“8.2i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==79.1-6.5i; |

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| **UTC 1.6.57** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 0.5+0.5i, -8.7i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“0.5+0.5i”);  Complexnumber num2 = new ComplexNumber(“-8.7i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==0.5+9.2i; |

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| **UTC 1.6.58** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 9.17-2.15i, 6.8i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“+9.17-2.15i”);  Complexnumber num2 = new ComplexNumber(“6.8i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==9.17+6.55i; |

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| **UTC 1.6.59** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 7.1+2.6i, -8.1i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.1+2.6i”);  Complexnumber num2 = new ComplexNumber(“-8.1i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==7.1+10.7i; |

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| **UTC 1.6.60** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 7.9i, 1.2+2.1i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.9i”);  Complexnumber num2 = new ComplexNumber(“1.2+2.1i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-1.2+5.8i; |

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| **UTC 1.6.61** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 8.6i, 7.8-7.7i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“8.6i”);  Complexnumber num2 = new ComplexNumber(“7.8-7.7i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-7.8+16.3i; |

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| **UTC 1.6.62** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -8.18i, 9.8-7.27i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-8.18i”);  Complexnumber num2 = new ComplexNumber(“9.8-7.27i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-9.8-0.91i; |

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| **UTC 1.6.63** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -8.28i, 8.1+7.17i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-8.28i”);  Complexnumber num2 = new ComplexNumber(“8.1+7.17i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-8.1-25.98i; |

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| **UTC 1.6.64** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 3.9i, 2.5i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“3.9i”);  Complexnumber num2 = new ComplexNumber(“2.5i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==1.4i; |

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| **UTC 1.6.65** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: 1.1i, -9.7i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“1.1i”);  Complexnumber num2 = new ComplexNumber(“-9.7i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==10.8i; |

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| **UTC 1.6.66** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -0.1i, 0.7i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-0.1i”);  Complexnumber num2 = new ComplexNumber(“0.7i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==-0.8i; |

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| **UTC 1.6.67** | **Test ComplexNumber.sub** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: sub; |
| **Precondizione** | Stack: -3.9i, -5.2i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-3.9i”);  Complexnumber num2 = new ComplexNumber(“-5.2i”);  ComplexNumber sottrazione = num1.sub(num2); |
| **Oracle** | sottrazione.toString()==1.3i; |

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| **UTC 1.7.1** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 7+11i, 8+11i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7+11i”);  Complexnumber num2 = new ComplexNumber(“8+11i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-65+165i; |

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| **UTC 1.7.2** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 7+15i,-78+11i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7+15i”);  Complexnumber num2 = new ComplexNumber(“-78+11i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-711+1093i; |

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| **UTC 1.7.3** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -10+25i,7+21i, 77, 95i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-10+25i”);  Complexnumber num2 = new ComplexNumber(“7+21i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-595-35i; |

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| **UTC 1.7.4** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 7-75i,66+11i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7-75i”);  Complexnumber num2 = new ComplexNumber(“66+11i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==1287-4873i; |

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| **UTC 1.7.5** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 7+13i,29-45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7+13i”);  Complexnumber num2 = new ComplexNumber(“29-45i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==788+62i; |

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| **UTC 1.7.6** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -77+19i,-78+21i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-77+19i”);  Complexnumber num2 = new ComplexNumber(“-78+21i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==5607-3099i; |

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| **UTC 1.7.7** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 7-15i,77-5i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7-15i”);  Complexnumber num2 = new ComplexNumber(“77-5i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==464 -1190i; |

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| **UTC 1.7.8** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 7+15i,-48-88i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7+15i”);  Complexnumber num2 = new ComplexNumber(“-48-88i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==984-1336i; |

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| **UTC 1.7.9** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -99-56i,8+10i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-99-56i”);  Complexnumber num2 = new ComplexNumber(“8+10i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-232-1438; |

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| **UTC 1.7.10** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 0.7+1.15i,0.1+0.21i, 100, 77i, 98i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“0.7+0.15i”);  Complexnumber num2 = new ComplexNumber(“0.1+0.21i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-0.172+0.262i; |

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| **UTC 1.7.11** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -3.7-5.15i,-0.78-2.99i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-3.7-5.15i”);  Complexnumber num2 = new ComplexNumber(“-0.78-2.99i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-12.513+15.08i; |

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| **UTC 1.7.12** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -8.8+0.5i,0.8+3.9i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-8.8+0.5i”);  Complexnumber num2 = new ComplexNumber(“0.8+3.9i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-25.896i; |

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| **UTC 1.7.13** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 7.3+1.5i,-0.7+77.79i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.3+1.5i”);  Complexnumber num2 = new ComplexNumber(“-0.7+77.79i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-12.795+566.817i; |

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| **UTC 1.7.14** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -7.7+6.15i,-0.78+9.9i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-7.7+6.15i”);  Complexnumber num2 = new ComplexNumber(“-0.78+9.9i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==54.879-81.027i; |

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| **UTC 1.7.15** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 6.27+15.2i,0.75-4.9i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“6.27+15.2i”);  Complexnumber num2 = new ComplexNumber(“0.75-4.9i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==79.183-19.323i; |

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| **UTC 1.7.16** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 46.8-15.5i,99.9+5.9i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“46.8-15.5i”);  Complexnumber num2 = new ComplexNumber(“99.9+5.9i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==4766.77-1273.33i; |

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| **UTC 1.7.17** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 7.1-15.66i,8.9-7.7i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.1-15.66i”);  Complexnumber num2 = new ComplexNumber(“8.9-7.7i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==57.392-194.044i; |

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| **UTC 1.7.18** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -7.9-1.7i,9.8+80.1i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-7.9-1.7i”);  Complexnumber num2 = new ComplexNumber(“9.8+80.1i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==58.75-649.45i; |

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| **UTC 1.7.19** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 7.29+12.7i,-5.8-12.1i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.29+12.7i”);  Complexnumber num2 = new ComplexNumber(“-5.8-12.1i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==119.008-166.243i; |

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| **UTC 1.7.20** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 79+17i,8, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“79+17i”);  Complexnumber num2 = new ComplexNumber(“8”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==632+136i; |

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| **UTC 1.7.21** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 75+5i,-9, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“75+5i”);  Complexnumber num2 = new ComplexNumber(“-9”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==675-45i; |

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| **UTC 1.7.22** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -97+15i,78, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-97+15i”);  Complexnumber num2 = new ComplexNumber(“78”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-7566+1170i; |

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| **UTC 1.7.23** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -71+26i,-81, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-71+26i”);  Complexnumber num2 = new ComplexNumber(“-81”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-5751-2106i; |

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| **UTC 1.7.24** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 7,10+2i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7”);  Complexnumber num2 = new ComplexNumber(“10+2i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==70+14i; |

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| **UTC 1.7.25** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 8,-78+77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“8”);  Complexnumber num2 = new ComplexNumber(“-78+77i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-627+616i; |

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| **UTC 1.7.26** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -88,-98+77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-88”);  Complexnumber num2 = new ComplexNumber(“-98+77i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==8624-6776i; |

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| **UTC 1.7.27** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -88,8+77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-88”);  Complexnumber num2 = new ComplexNumber(“8+77i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-704-6776i; |

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| **UTC 1.7.28** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 39,25, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“39”);  Complexnumber num2 = new ComplexNumber(“25”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==975; |

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| **UTC 1.7.29** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 110,-97, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“110”);  Complexnumber num2 = new ComplexNumber(“-97”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-10670; |

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| **UTC 1.7.40** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -10,7, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-10”);  Complexnumber num2 = new ComplexNumber(“7”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-70; |

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| **UTC 1.7.31** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -39,-5, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-39”);  Complexnumber num2 = new ComplexNumber(“-5”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==195; |

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| **UTC 1.7.32** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 79.1+1.7i,8.2, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“79.1+1.7i”);  Complexnumber num2 = new ComplexNumber(“8.2”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==648.62+13.94i; |

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| **UTC 1.7.33** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 0.5+0.5i,-8.7, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“0.5+0.5i”);  Complexnumber num2 = new ComplexNumber(“-8.7”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-4.35-4.35i; |

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| **UTC 1.7.34** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -9.17+2.15i,6.8, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-9.17+2.15i”);  Complexnumber num2 = new ComplexNumber(“6.8”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-62.356+14.62i; |

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| **UTC 1.7.35** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -7.1+2.6i,-8.1, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-7.1+2.6i”);  Complexnumber num2 = new ComplexNumber(“-8.1”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-57.51-21.06i; |

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| **UTC 1.7.36** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 7.9,1.2+2.1i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.9”);  Complexnumber num2 = new ComplexNumber(“1.2+2.1i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==9.48+16.59i; |

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| **UTC 1.7.37** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 8.6,-7.8+7.7i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“8.6”);  Complexnumber num2 = new ComplexNumber(“-7.8+7.7i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-67.08+66.22i; |

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| **UTC 1.7.38** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -8.18,-9.8+7.27i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-8.18”);  Complexnumber num2 = new ComplexNumber(“-9.8+7.27i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==80.164-59.469i; |

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| **UTC 1.7.39** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -8.28, 8.1+7.17i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-8.28”);  Complexnumber num2 = new ComplexNumber(“8.1+7.17i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-67.068-59.368i; |

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| **UTC 1.7.40** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 3.9,2.5, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“3.9”);  Complexnumber num2 = new ComplexNumber(“2.5”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==9.75; |

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| **UTC 1.7.41** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 1.1, -9.7, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“1.1”);  Complexnumber num2 = new ComplexNumber(“-9.7”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==10.67; |

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| **UTC 1.7.42** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -0.1,0.7, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-0.1”);  Complexnumber num2 = new ComplexNumber(“0.7”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-0.07; |

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| **UTC 1.7.43** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -3.9,-5.2, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-3.9”);  Complexnumber num2 = new ComplexNumber(“-5.2”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==20.28; |

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| **UTC 1.7.44** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 79+7i,8i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“79+7i”);  Complexnumber num2 = new ComplexNumber(“8i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-56+632i; |

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| **UTC 1.7.45** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 75+51i,-9i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“75+51i”);  Complexnumber num2 = new ComplexNumber(“-9i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==459-675i; |

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| **UTC 1.7.46** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 7-15i,58, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7-15i”);  Complexnumber num1 = new ComplexNumber(“58”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==406-870i; |

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| **UTC 1.7.47** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 71-26i,-81i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“71-26i”);  Complexnumber num2 = new ComplexNumber(“-81i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-2106-575i; |

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| **UTC 1.7.48** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 7i,10+2i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7i”);  Complexnumber num2 = new ComplexNumber(“10+2i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-14+70i; |

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| **UTC 1.7.49** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 8i,78+77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“8i”);  Complexnumber num2 = new ComplexNumber(“78+77i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-616+624i; |

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| **UTC 1.7.50** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -88,98-74i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-88”);  Complexnumber num2 = new ComplexNumber(“98-74i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-8624+6512i; |

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| **UTC 1.7.51** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -81, 8+77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-81i”);  Complexnumber num2 = new ComplexNumber(“8+77i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==6237-648i; |

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| **UTC 1.7.52** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 39i, 25i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“39i”);  Complexnumber num2 = new ComplexNumber(“25i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-975; |

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| **UTC 1.7.53** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 110i, -97i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“110i”);  Complexnumber num2 = new ComplexNumber(“-97i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==10670i; |

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| **UTC 1.7.54** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -10i, 7i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-10i”);  Complexnumber num2 = new ComplexNumber(“7i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==70i; |

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| **UTC 1.7.55** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -39i, -5i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-39i”);  Complexnumber num2 = new ComplexNumber(“-5i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-195i; |

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| **UTC 1.7.56** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 79.1+1.7i, 8.2i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“79.1+1.7i”);  Complexnumber num2 = new ComplexNumber(“8.2i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-13.94+648.62i; |

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| **UTC 1.7.57** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 0.5+0.5i, -8.7i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“0.5+0.5i”);  Complexnumber num2 = new ComplexNumber(“-8.7i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==4.35-4.35i; |

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| **UTC 1.7.58** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 9.17-2.15i, 6.8i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“+9.17-2.15i”);  Complexnumber num2 = new ComplexNumber(“6.8i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==14.62+62.356i; |

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| **UTC 1.7.59** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 7.1+2.6i, -8.1i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.1+2.6i”);  Complexnumber num2 = new ComplexNumber(“-8.1i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==21.06-57.51i; |

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| **UTC 1.7.60** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 7.9i, 1.2+2.1i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“7.9i”);  Complexnumber num2 = new ComplexNumber(“1.2+2.1i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-16.59+9.48i; |

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| **UTC 1.7.61** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 8.6i, 7.8-7.7i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“8.6i”);  Complexnumber num2 = new ComplexNumber(“7.8-7.7i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==66.22+67.08i; |

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| **UTC 1.7.62** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -8.18i, 9.8-7.27i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-8.18i”);  Complexnumber num2 = new ComplexNumber(“9.8-7.27i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==59.469-80.164i; |

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| **UTC 1.7.63** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -8.28i, 8.1+7.17i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-8.28i”);  Complexnumber num2 = new ComplexNumber(“8.1+7.17i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==59.368-67.068i; |

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| **UTC 1.7.64** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 3.9i, 2.5i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“3.9i”);  Complexnumber num2 = new ComplexNumber(“2.5i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==-9.75; |

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| **UTC 1.7.65** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: 1.1i, -9.7i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“1.1i”);  Complexnumber num2 = new ComplexNumber(“-9.7i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==10.67; |

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| **UTC 1.7.66** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -0.1i, 0.7i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-0.1i”);  Complexnumber num2 = new ComplexNumber(“0.7i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==0.07; |

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| **UTC 1.7.67** | **Test ComplexNumber.multipy** |
| **Elementi testati** | Classe: ComplexNumber; Metodo: multipy; |
| **Precondizione** | Stack: -3.9i, -5.2i, 99, 77i, 45i; |
| **Input** | Complexnumber num1 = new ComplexNumber(“-3.9i”);  Complexnumber num2 = new ComplexNumber(“-5.2i”);  ComplexNumber prodotto = num1.multipy(num2); |
| **Oracle** | prodotto.toString()==20.28i; |