|  |  |
| --- | --- |
| Assignment 1013 | |
| Name | Tamarraw Redfern |
| Date | October 24th Class |
| Assignment | 1. Write the below programs using while Loop:    1. Write algorithm and Java program to print Hello 5 times    2. Write algorithm and Java program to print numbers from 1 to 10    3. Write algorithm and Java program to print numbers from 100 to 85 in descending order - i.e., 100, 99, 98, …. up to 85    4. Write algorithm and java program to find sum of numbers from 1 to 10    5. Write algorithm and java program to find product of numbers from 1 to 10    6. Write algorithm and java program to find a to power b |

|  |
| --- |
| 1. **Write algorithm Java program to print Hello 5 times** |
| **Algorithm** |
| for i=1 to 5 step 1  while i<=5  begin  print Hello  i=i+1  end |
| **Program** |
|  |
| **Output** |
|  |

|  |
| --- |
| 1. Write algorithm and Java program to print numbers from 1 to 10 |
| Algorithm |
| for i = 1 to 10 step 1  while i<=10  begin  print(i)  end |
| Program |
|  |
| Output |
|  |

|  |
| --- |
| 1. **Write algorithm and Java program to print numbers from 100 to 85 in descending order** |
| **Algorithm** |
| for **i** = 100 to 85 step 1  while i>=85  begin  print(i)  end |
| **Program** |
|  |
| **Output** |
|  |
| 1. **Write algorithm and java program to find sum of numbers from 1 to 10** |
| **Algorithm** |
| **i** = 1  while i<=10  begin  print(sum)  end |
| **Program** |
|  |
| **Output** |
|  |

|  |
| --- |
| 1. **Write algorithm and java program to find product of numbers from 1 to 10** |
| **Algorithm** |
| while i<10  begin  print product  i++  end |
| **Program** |
|  |
| **Output** |
|  |

|  |
| --- |
| 1. **Write algorithm and java program to find a to power b** |
| **Algorithm** |
| **i** = 1  while i<=b  begin  print(ans)  end |
| **Program** |
|  |
| **Output** |
|  |