**Lab Task-1**

**Instructions: Please read carefully**

* Please rename this file as only your ID number **(e.g. 20-\*\*\*\*\*-3.doc or 20-\*\*\*\*\*-3.pdf).**
* Submit the file before **11:59 PM on 18/10/2020** in VUES section labeled **Lab task 1. If you cannot complete the full task, do not worry. Just upload what you have completed.**

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| **Question No.1**  Write a program to display “hello world”. |
| **Your code here:**  #include <iostream>  using namespace std;  int main ()  {  cout<<"Hello Word";  } |
| **Your whole Screenshot here: (Console Output):** |

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| **Question No.2**  Write a program to add two numbers (5 and 7) and display its sum. |
| **Your code here:**  #include <iostream>  using namespace std;  int main ()  {  int a = 5;  int b = 7;  int sum;  sum = a+b;  cout<<"Sum of : a+b = "<<sum;  } |
| **Your whole Screenshot here: (Console Output):** |

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| **Question No.3**  Write a program to multiply two numbers (10 and 8) and display its product. |
| **Your code here:**  #include <iostream>  using namespace std;  int main ()  {  int c=10;  int d=8;  int multiply ;  multiply = c\*d;  cout << "Multiplication of c\*d = " << multiply;  } |
| **Your whole Screenshot here: (Console Output):** |

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| **Question No.4**  Write a program to calculate area of a circle having its radius (r=5).  . |
| **Your code here:**  #include <iostream>  using namespace std;  int main ()  {  int r=5;  r= r\*r;  float pie=3.1416;  float area= pie\*r;  cout << "Area of the cicle = " << area;  } |
| **Your whole Screenshot here: (Console Output):** |

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| **Question No.5**  Write a program to calculate area of an ellipse having its axes (minor=4cm, major=6cm).  . |
| **Your code here:**  #include <iostream>  using namespace std;  int main ()  {  int pie= 3.1416;  int minor = 4;  int major = 6;  float area = pie\*minor\*major;  cout << "Area of an ellipse = " << area;  } |
| **Your whole Screenshot here: (Console Output):** |

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| **Question No.6**  Write a program to calculate simple interest for a given P=4000, T=2, R=5.5. (I = P\*T\*R/100)  . |
| **Your code here:**  #include <iostream>  using namespace std;  int main ()  {  int P=4000;  int T=2;  float R=5.5;  float I=P\*T\*R/100;  cout << "calculation of simple interest = " << I;  } |
| **Your whole Screenshot here: (Console Output):** |