***Task-6***

***i)*** *Report:*

* ***Valuation Of HDFC Stock***

*By looking at data of HDFC stock prices we can see that the overall expected share price is 1505.68 whereas looking at variance of the stock 5319.07 we can say that there is good degree of spread in share prices of HDFC.*

*So, conclusion that there is fluctuation in HDFC stock and there are overall positive returns in share price.*

* ***Valuation Of ONGC Stock***

*By looking at data of ONGC stock prices we can see that the overall expected share price is 114.36 whereas looking at variance of the stock 418.418 we can say that there is good degree of spread in share prices of ONGC.*

*So, conclusion that there is fluctuation in ONGC stock and there are overall positive returns in share price.*

* ***Valuation Of SPICE JET Stock***

*By looking at data of SPICE JET stock prices we can see that the overall expected share price is 77.63 whereas looking at variance of the stock 78.03 we can say that there is good degree of spread in share prices of SPICE JET.*

*So, conclusion that there is fluctuation in SPICE JET stock and there are overall negative returns in share price.*

* ***Conclusion:***

*Above valuations shows that single-asset portfolio is beneficial and efficient. Investing in HDFC is beneficial.*

* ***Valuation of HDFC & ONGC Stock***

*By looking at data of HDFC & ONGC stock prices we can see that the overall expected return is 0.000945 whereas looking at variance return 0.000215 we can say that there is good degree of spread in share prices of HDFC & ONGC.*

*As we can see correlation of HDFC & ONGC stock is 0.621575.*

* ***Valuation of ONGC & SPICE JET Stock***

*By looking at data of ONGC & SPICE JET**stock prices we can see that the overall expected return is -0.00011 whereas looking at variance return 0.000355 we can say that there is good degree of spread in share prices of ONGC & SPICE JET.*

*As we can see correlation of ONGC & SPICE JET stock is -0.34798.*

* ***Valuation of HDFC & SPICE JET Stock***

*By looking at data of HDFC & SPICE JET**stock prices we can see that the overall expected return is -0.00067 whereas looking at variance return 0.000255 we can say that there is good degree of spread in share prices of HDFC & SPICE JET.*

*As we can see correlation of HDFC & SPICE JET stock is -0.0884.*

* ***Conclusion:***

*Above valuations shows that two-asset portfolio is less beneficial and efficient. Investing in HDFC & ONGC stock is beneficial.*

***ii)*** *Our group consists of two members - Jainam Jain and Vishvavardhan Mertiya****.*** *There were six tasks. So, we equally divided tasks, task-1,3,5&6 are done by Vishvavardhan Mertiya and task-2,4,5&6 are done by Jainam jain. As we know task 1,2&3 are almost same so we did individually (task-1&3 by Vishvavardhan Mertiya and task-2 by Jainam Jain). Task-5&6 both of them have different concept so we did it together. And at last, we both checked the project together from start and corrected some mistakes. Our teamwork can be considered good as this is first time, we both done a project or assignment together.*