CS-1A

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday		Introduction to Information Technology - Lab Muiz Qadir	on and Communication		English Composition and Comprehension - Lab 1 Muhammad Iqbal English Composition and Comprehension 1 Junaid Shahid	English Composition and Comprehension - Lab 1 Muhammad Iqbal
Tuesday	Linear Algebra 1 Amjad Hussain	Islamic Studies/Ethics 1 Rizwanullah	English Composition and Comprehension - Lab 1 Sadia Ashfaq		English Composition and Comprehension - Lab 1 Sadia Ashfaq	Digital Logic Design 1 Mirza Waqar Baig
Wednesday	Digital Logic Design - Lab Muhammad Arslan	1	English Composition and Comprehension 1 Muhammad Ammar	L U N C H		
Thursday	Programming Fundamenta Mughees Ismail	tls - Lab 1	Digital Logic Design 1 Mirza Waqar Baig		Programming Fundamentals 1 Rizwan ul Haq	Islamic Studies/Ethics 1 Rizwanullah
Friday	English Composition and Comprehension 1 Muhammad Ammar	Programming Fundamentals 1 Rizwan ul Haq			Linear Algebra 1 Amjad Hussain	English Composition and Comprehension 1 Junaid Shahid

CS-1B

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday	English Composition and Comprehension 1 Muhammad Ammar English Composition and Comprehension 1 Junaid Shahid	English Composition and C	Comprehension - Lab 1		Digital Logic Design - Lab Mujahid Hussain	1
Tuesday			Introduction to Information and Communication Technology - Lab 1 Umar Naseer		Introduction to Information and Communication Technology - Lab 1 Umar Naseer	
Wednesday	Linear Algebra 1 Amjad Hussain	Programming Fundamentals - Lab 1 Pariwish Touseef		L U N C H		Programming Fundamentals 1 Rizwan ul Haq
Thursday	English Composition and Comprehension - Lab 1 Muhammad Iqbal English Composition and Comprehension 1 Junaid Shahid	English Composition and Comprehension - Lab 1 Muhammad Iqbal	Islamic Studies/Ethics 1 Rizwanullah		Islamic Studies/Ethics 1 Rizwanullah	Digital Logic Design 1 Muhammad Sajid Iqbal
Friday	Programming Fundamentals 1 Rizwan ul Haq	Digital Logic Design 1 Muhammad Sajid Iqbal			Linear Algebra 1 Amjad Hussain	English Composition and Comprehension 1 Muhammad Ammar

CS-1C

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday	English Composition and C	Comprehension - Lab 1	English Composition and Comprehension - Lab 1 Junaid Shahid		English Composition and Comprehension - Lab 1 Junaid Shahid	
Tuesday	Digital Logic Design - Lab 1 Mujahid Hussain				Islamic Studies/Ethics 1 Zia Ahmad	English Composition and Comprehension 1 Junaid Shahid English Composition and Comprehension 1 Muhammad Ammar
Wednesday	Introduction to Information and Communication Technology - Lab		Linear Algebra 1 Amjad Hussain	L U N C H		Programming Fundamentals 1 Dr. Rabia Maqsood
Thursday	Digital Logic Design English Composition and Comprehension 1 Dr. Adil Zulfiqar Junaid Shahid		English Composition and Comprehension 1 Muhammad Ammar		Programming Fundamenta Ayesha Liaqat	ıls - Lab
Friday		Linear Algebra 1 Amjad Hussain	Digital Logic Design 1 Dr. Adil Zulfiqar		Programming Fundamentals 1 Dr. Rabia Maqsood	Islamic Studies/Ethics 1 Zia Ahmad

CS-1D

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday			English Composition and Comprehension - Lab 1 Rida Akram English Composition and Comprehension 1 Sadia Ashfaq		English Composition and Comprehension - Lab 1 Rida Akram	
Tuesday	Introduction to Information and Communication Technology - Lab				Programming Fundamentals 1 Dr. Rabia Maqsood	Calculus and Analytical Geometry 1 Dr.Mushtaq Ahmad
Wednesday	English Composition and Comprehension - Lab Amna Farooq		Applied Physics 1 Waheed Ahmad	L U N C H	Applied Physics 1 Waheed Ahmad	
Thursday	English Composition and Comprehension Islamic Studies/Ethics Zia Ahmad In English Composition and Comprehension In Sadia Ashfaq		Programming Fundamentals 1 Dr. Rabia Maqsood		Programming Fundamentals - Lab Muhammad Azeem Iftikhar	
Friday	Islamic Studies/Ethics 1 Zia Ahmad		English Composition and Comprehension 1 Farah Iqbal		Calculus and Analytical Geometry 1 Dr.Mushtaq Ahmad	

CS-1E

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday		Introduction to Information Technology - Lab Muiz Qadir	on and Communication		English Composition and Comprehension - Lab 1 Amna Farooq English Composition and Comprehension 1 Muhammad Iqbal	English Composition and Comprehension - Lab 1 Amna Farooq
Tuesday		Programming Fundamentals 1 Dr. Danish Shehzad	Pakistan Studies 1 Asif Naveed		Programming Fundamenta Mughees Ismail	ds - Lab
Wednesday	Pakistan Studies 1 Asif Naveed		English Composition and Comprehension 1 Muhammad Iqbal	L U N C H		English Composition and Comprehension 1 Farah Iqbal
Thursday	Calculus and Analytical Geometry 1 Dr. Mushtaq Ahmad	English Composition and C	Comprehension - Lab			Programming Fundamentals 1 Dr. Danish Shehzad
Friday		Applied Physics Waheed Ahmad	1		English Composition and Comprehension 1 Farah Iqbal	Calculus and Analytical Geometry 1 Dr. Mushtaq Ahmad

CS-1F

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday	Applied Physics 1 Waheed Ahmad	Pakistan Studies 1 Asif Naveed			English Composition and Comp	1
Tuesday		English Composition and Comprehension 1 Sadia Ashfaq	Calculus and Analytical Geometry 1 Dr. Mushtaq Ahmad		English Composition and C	Comprehensi on - Lab
Wednesday	Introduction to Information and Communication Technology - Lab Muhammad Haseeb Arshad			L U N C H	Applied Physics 1 Waheed Ahmad	Pakistan Studies 1 Asif Naveed
Thursday	English Composition and Comprehension 1 Sadia Ashfaq	Programming Fundamentals 1 Saqib Hayat	Programming Fundamentals - Lab 1 Umar Naseer		Programming Fundamentals - Lab 1 Umar Naseer	
Friday	Programming Fundamentals 1 Saqib Hayat					Calculus and Analytical Geometry 1 Dr. Mushtaq Ahmad

CS-3A

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday		Computer Organization and Assembly Language - Lab 1 Abuzar Ghafari Calculus and Analytical Geometry 1 Bushra Niaz	Computer Organization and Assembly Language - Lab 1 Abuzar Ghafari Digital Logic Design 1 Muhammad Irfan Ishaq		Object Oriented Programming - Lab 1 Muhammad Hannan Farooq Data Structures 1 Muhammad Husnain	Object Oriented Programming - Lab 1 Muhammad Hannan Farooq Discrete Structures 1 Dr. Muhammad Ahmad
Tuesday			Data Structures - Lab 1 Saba Aslam Object Oriented Programming 1 Shoaib Saleem		Data Structures - Lab 1 Saba Aslam Calculus and Analytical Geometry 1 Bushra Niaz	
Wednesday	Data Structures 1 Muhammad Husnain		Applied Physics 1 Muhammad Mohsin Hameed	L U N C H	Discrete Structures 1 Dr. Muhammad Ahmad	
Thursday		Computer Organization and Assembly Language 1 Abdul Qadeer Bilal Linear Algebra 1 Chilmana Sarmad	Finance & Accounting 1 Agha Mureed Ahmad Khan			Computer Organization and Assembly Language 1 Abdul Qadeer Bilal Digital Logic Design 1 Muhammad Irfan Ishaq
Friday	Differential Equations 1 Arfan Shahzad	Differential Equations 1 Arfan Shahzad Object Oriented Programming 1 Shoaib Saleem			Applied Physics 1 Muhammad Mohsin Hameed Finance & Accounting 1 Agha Mureed Ahmad Khan	Linear Algebra 1 Ghilmana Sarmad

CS-3B

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Object Oriented Programmi Muhammad Hannan Faroo Computer Organization and Abdul Qadeer Bilal	q			Computer Orgnaization an	d Assembly Language - Lab 1
Tuesday					Data Structures - Lab Muhammad Hannan Faroo	r I
Wednesday	Fundamentals of Management 1 Muhammad Tayyeb Riaz			L U N C H		
Thursday	Discrete Structures 1 Dr. Muhammad Ahmad				Object Oriented Programming 1 Dr Usman Habib	Fundamentals of Management 1 Muhammad Tayyeb Riaz
Friday	Differential Equations 1 Arfan Shahzad		Discrete Structures 1 Dr. Muhammad Ahmad		Differential Equations 1 Arfan Shahzad	Object Oriented Programming 1 Dr Usman Habib

CS-3C

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday		Differential Equations 1 Arfan Shahzad				
Tuesday	Data Structures 1 Dr. Hashim Yasin				Computer Orgnaization an Ali Raza	d Assembly Language - Lab
Wednesday	Differential Equations 1 Arfan Shahzad		Marketing Management 1 Syed Zeeshan Haider	L U N C H		
Thursday	Data Structures - Lab Mughees Ismail	1				Data Structures 1 Dr. Hashim Yasin
Friday			Marketing Management 1 Syed Zeeshan Haider			

CS-3D

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday		Differential Equations 1 Muhammad Waqas Javed				
Tuesday			Marketing Management 1 Syed Zeeshan Haider		Data Structures 1 Muhammad Usman Joyia	Discrete Structures 1 Usman Ghous
Wednesday	Discrete Structures 1 Usman Ghous		Data Structures - Lab 1 Saba Aslam	L U N C H	Data Structures - Lab 1 Saba Aslam	Data Structures 1 Muhammad Usman Joyi a
Thursday	Computer Orgnaization an	d Assembly Language - Lab 1	Differential Equations 1 Muhammad Waqas Javed			Marketing Management 1 Syed Zeeshan Haider
Friday						

CS-3E

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday			Computer Organization and Assembly Language - Lab 1 Abuzar Ghafari		Computer Organization and Assembly Language - Lab 1 Abuzar Ghafari	
Tuesday						
Wednesday			Finance & Accounting 1 Agha Mureed Ahmad Khan	L U N C H		
Thursday						
Friday		Differential Equations 1 Hayat Ali			Finance & Accounting 1 Agha Mureed Ahmad Khan	Differential Equations 1 Hayat Ali

CS-5A

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday			Computer Networks - Lab 1 Ayesha Liaqat		Computer Networks - Lab 1 Ayesha Liaqat	Theory of Automata 1 Anmol Bilal
Tuesday						
Wednesday		Web Programming 1 Muhammad Shahrose Khan	Probability and Statistics 1 Haris Khurram	L U N C H	Software Design and Analysis 1 Dr. Muhammad Bilal	
Thursday	Web Programming 1 Muhammad Shahrose Khan	Computer Networks Masood Habib	1			
Friday	Theory of Automata 1 Anmol Bilal	Software Design and Analysis 1 Dr. Muhammad Bilal			Probability and Statistics 1 Haris Khurram	

CS-5B

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday		Marketing Management 1 Hafiz M.Zeeshan Raza	Theory of Automata 1 Anmol Bilal		Computer Networks 1 Dr. Bilal Khan	
Tuesday			Web Programming 1 Muhammad Shahrose Khan			Theory of Automata 1 Anmol Bilal
Wednesday	Web Programming 1 Muhammad Shahrose Khan	Software Design and Analysis 1 Dr. Muhammad Bilal	Computer Networks - Lab 1 Ayesha Liaqat	L U N C H	Computer Networks - Lab 1 Ayesha Liaqat	
Thursday					Software Design and Analysis 1 Dr. Muhammad Bilal	Marketing Management 1 Hafiz M.Zeeshan Raza
Friday	Computer Networks 1 Dr. Bilal Khan					

CS-5C

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday	Probability and Statistics 1 Haris Khurram				Advanced Programming 1 Awais Azam	Computer Networks 1 Dr. Bilal Khan
Tuesday	Computer Networks - Lab Sumaira Mustafa	1	Theory of Automata 1 Numan Shafi		Advanced Programming 1 Awais Azam	
Wednesday	Software Design and Analysis 1 Dr. Uzair Iqbal			L U N C H		
Thursday					Computer Networks 1 Dr. Bilal Khan	Probability and Statistics 1 Haris Khurram
Friday		Software Design and Analysis 1 Dr. Uzair Iqbal	Theory of Automata 1 Numan Shafi			

CS-5D

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Theory of Automata 1 Numan Shafi	Database Systems 1 Saqib Hayat				Operating System 1 Usman Ghous
Tuesday					Database Systems - Lab 1 Saqib Hayat Discrete Structures 1 Usman Ghous	Database Systems - Lab 1 Saqib Hayat
Wednesday	Design and Analysis of Algorithms 1 Shoaib Saleem	Database Systems 1 Saqib Hayat	Design and Analysis of Algorithms 1 Shoaib Saleem	L U N C H		Discrete Structures 1 Usman Ghous Psychology 1 Aisha Bano
Thursday	Operating System 1 Usman Ghous				Operating Systems - Lab Muhammad Haseeb Arshać	1 1
Friday	Psychology 1 Aisha Bano	Theory of Automata 1 Numan Shafi				

CS-5E

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday						Database Systems 1 Aliza Saced
Tuesday	Database Systems - Lab 1 Muhammad Shahrose Khan	Database Systems - Lab 1 Muhammad Shahrose Khan Database Systems 1 Aliza Saced				
Wednesday		Psychology 1 Aisha Bano		L U N C H	Design and Analysis of Algorithms 1 Shoaib Saleem	Psychology 1 Aisha Bano
Thursday		Operating Systems - Lab Muhammad Yousaf	1			Theory of Automata 1 Numan Shafi
Friday			Theory of Automata 1 Numan Shafi		Design and Analysis of Algorithms 1 Shoaib Saleem	

CS-7A

Day/Peri od	I	п	ш	1:15-1:45	īV	v
Monday			Artificial Intelligence 1 Dr. Shahnawaz Qureshi			
Tuesday	Data Science 1 Adeel Ashraf Cheema	Data Mining 1 Dr. Rabia Maqsood				
Wednesday			Software Engineering 1 Awais Azam	L U N C H	Professional Practices in IT 1 Rizwan ul Haq	Data Mining 1 Dr. Rabia Maqsood
Thursday		Software Engineering 1 Awais Azam	Artificial Intelligence - Lab 1 Saba Aslam		Artificial Intelligence - Lab 1 Saba Aslam	Artificial Intelligence 1 Dr. Shahnawaz Qureshi
Friday	Professional Practices in IT 1 Rizwan ul Haq	Data Science 1 Adeel Ashraf Cheema	Information Security 1 Dr. Danish Shehzad		Information Security 1 Dr. Danish Shehzad	

CS-7B

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday			Software Engineering 1 Awais Azam		Information Security 1 Dr. Danish Shehzad	Professional Practices in IT 1 Masood Habib
Tuesday	Data Mining 1 Nasreen Akhtar				Data Mining 1 Nasreen Akhtar	
Wednesday	Software Engineering 1 Awais Azam	Data Science 1 Adeel Ashraf Cheema		L U N C H		
Thursday			Data Science 1 Adeel Ashraf Cheema			Professional Practices in IT 1 Masood Habib
Friday						Information Security 1 Dr. Danish Shehzad

CS-7C

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Information Security 1 Dr. Irfan ul Haq	Applied Machine Learning 1 Dr. Hashim Yasin				
Tuesday			Applied Machine Learning 1 Dr. Hashim Yasin			Information Security 1 Dr. Irfan ul Haq
Wednesday			Professional Practices in IT 1 Masood Habib	L U N C H		
Thursday	Software for Mobile Devices - Lab Tahir Farooq				Professional Practices in IT 1 Masood Habib	
Friday						

CS-7D

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday						Information Security 1 Dr. Muhammad Umar Aftab
Tuesday		Information Security 1 Dr. Muhammad Umar Aftab	Software for Mobile Devices - Lab 1 Tahir Farooq		Software for Mobile Devices - Lab 1 Tahir Farooq	
Wednesday				L U N C H		
Thursday			Professional Practices in IT 1 Tehreem Aslam			Professional Practices in IT 1 Tehreem Aslam
Friday			Applied Machine Learning 1 Dr. Hashim Yasin		Applied Machine Learning 1 Dr. Hashim Yasin	

CS-7E

Day/Peri od	I	II	ш	1:15-1:45	IV	v
Monday	Fundamentals of Software Dr. Muhammad Bilal	Project Management 1			Professional Practices in IT 1 Tehreem Aslam	
Tuesday			Professional Practices in IT 1 Tehreem Aslam			
Wednesday	Software Testing 1 Dr. Uzair Iqbal			L U N C H	Software Testing 1 Dr. Uzair Iqbal	
Thursday						
Friday	Information Security 1 Dr. Muhammad Umar Aftab				Information Security 1 Dr. Muhammad Umar Aftab	

CS-7F

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday			Remote Sensing and GIS 1 Dr M. Shahzad Sarfraz			
Tuesday						Software Testing 1 Dr. Uzair Iqbal
Wednesday				L U N C H		
Thursday						
Friday	Remote Sensing and GIS 1 Dr M. Shahzad Sarfraz		Software Testing 1 Dr. Uzair Iqbal			

CS-9A

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday		Computer Architecture 1 Muhammad Usman Joyia				
Tuesday	Software for Mobile Devices - Lab 1 No-Teacher					
Wednesday				L U N C H		
Thursday			Computer Architecture 1 Muhammad Usman Joyia			
Friday						

SE-1A

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday	English Composition and Comprehension - Lab 1 Muhammad Ammar		English Composition and Comprehension - Lab 1 Ehtasham-Ul-Haq English Composition and Comprehension 1 Sadia Ashfaq		English Composition and Comprehension - Lab 1 Ehtasham-Ul-Haq	English Composition and Comprehension 1 Farah Iqbal English Composition and Comprehension 1 Sadia Ashfaq
Tuesday	Applied Physics 1 Waheed Ahmad	Programming Fundamentals 1 Sumaira Mustafa				
Wednesday	Programming Fundamentals - Lab Sumaira Mustafa		Applied Physics 1 Waheed Ahmad	L U N C H	Pakistan Studies 1 Asma Yaqoob	Programming Fundamentals 1 Sumaira Mustafa
Thursday	Introduction to Information and Communication Technology - Lab 1 Umar Naseer		English Composition and Comprehension 1 Farah Iqbal			Calculus and Analytical Geometry 1 Bushra Niaz
Friday		Pakistan Studies 1 Asma Yaqoob				Calculus and Analytical Geometry 1 Bushra Niaz

SE-1B

Day/Period	I	п	ш	1:15-1:45	īV	v
Monday		Introduction to Information Technology - Lab Muhammad Haseeb Arshad	1		English Composition and Comprehension 1 Rida Akram English Composition and Comprehension 1 Muhammad Iqbal	Programming Fundamentals 1 Aliza Saced
Tuesday	Applied Physics 1 Dr. Arslan Ahmed Amin		Calculus and Analytical Geometry 1 Bushra Niaz		Programming Fundamenta Aliza Saeed	ıls - Lab
Wednesday	English Composition and Comprehension 1 Rida Akram	English Composition and C Sadia Ashfaq	Comprehension - Lab 1	L U N C H		
Thursday	English Composition and C	Composition and Comprehension - Lab Pakistan Studies 1 Zainab Javeed			Programming Fundamentals 1 Aliza Saeed	Pakistan Studies 1 Zainab Javeed
Friday	Calculus and Analytical Geometry 1 Bushra Niaz	Applied Physics 1 Dr. Arslan Ahmed Amin			English Composition and Comprehension 1 Muhammad Iqbal	

SE-3A

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday						Linear Algebra 1 Ghilmana Sarmad
Tuesday		Marketing Management Hafiz M.Zeeshan Raza	1		Data Structures - Lab Aqsa Younas	1
Wednesday		Linear Algebra 1 Ghilmana Sarmad	Object Oriented Programming - Lab 1 Muhammad Yousaf Data Structures 1 Muhammad Usman Joyia	L U N C H	Object Oriented Programming - Lab 1 Muhammad Yousaf	
Thursday	Human Computer Interaction 1 Dr. Shahnawaz Qureshi		Data Structures 1 Muhammad Usman Joyia Object Oriented Programming 1 Dr Usman Habib		Software Requirement Engineering 1 Pariwish Touseef	Human Computer Interaction 1 Dr. Shahnawaz Qureshi
Friday	Software Requirement Engineering 1 Pariwish Touseef		Object Oriented Programming 1 Dr Usman Habib			

SE-3B

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday		Data Structures - Lab Asif Ameer	1		Human Computer Interaction 1 Dr. Shahnawaz Qureshi	
Tuesday	Human Computer Interaction 1 Dr. Shahnawaz Qureshi		Linear Algebra 1 Chilmana Sarmad			Software Requirement Engineering 1 Pariwish Touseef
Wednesday	Linear Algebra 1 Ghilmana Sarmad			L U N C H		
Thursday	Finance & Accounting 1 Muhammad Nasif		Finance & Accounting 1 Muhammad Nasif			
Friday	Data Structures Asif Ameer	1	Software Requirement Engineering 1 Pariwish Touseef			

SE-5A

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Database Systems - Lab Nasreen Akhtar	1			Software Construction and Muhammad Azeem Iftikha	1
Tuesday	Operating Systems 1 Muhammad Husnain	Probability and Statistics Haris Khurram	1		Software Construction and Development 1 Dr. Affan Rauf	Database Systems 1 Nasreen Akhtar
Wednesday		Operating Systems - Lab 1 Muhammad Yousaf	Operating Systems - Lab 1 Muhammad Yousaf Operation Research 1 Dr. Muhammad Imran Babar	L U N C H		
Thursday	Software Quality Engineering 1 Tehreem Aslam	Technical and Business Writing 1 Muhammad Nouman Iftikhar	Software Quality Engineering 1 Tehreem Aslam		Operation Research 1 Dr. Muhammad Imran Babar	Database Systems 1 Nasreen Akhtar
Friday		Technical and Business Writing 1 Muhammad Nouman Iftikhar	Operating Systems 1 Muhammad Husnain		Software Construction and Development 1 Dr. Affan Rauf	

SE-5B

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday		Software Quality Engineering 1 Abdul Qadeer Bilal	Technical and Business Writing 1 Muhammad Nouman Iftikhar			Technical and Business Writing 1 Muhammad Nouman Iftikhar
Tuesday	Software Construction and Development 1 Dr. Affan Rauf		Software Construction and Development 1 Dr. Affan Rauf		Probability and Statistics 1 Haris Khurram	
Wednesday	Operation Research 1 Dr. Muhammad Imran Babar			L U N C H		
Thursday			Operation Research 1 Dr. Muhammad Imran Babar		Software Construction and Development - Lab Muhammad Azeem Iftikhar	
Friday		Software Quality Engineering 1 Abdul Qadeer Bilal	Probability and Statistics 1 Haris Khurram			