The first conducted me upwards to the ground floor, where the engines were composed of the various plates, devices, and new malle in the different apartments of the manufactory. In viewing these (introduced engines shewing these and the trials for various parts of Germany) I could not help thinking of the advance the community of the world at large hath made in scientific heart of men in the last 25 years. Art has thrown off the difficulties under which trade was formerly prevented in consequence of sloes

conveyances of goods. Now, there are properly speaking no distances from the most Southern part of England you can go to the most northern point of Scotland in one single day, whilst telegraphs convey the news with the quickness of lightning. Having viewed the principal exhibit in this apartment, we went into another, where clocks, iron stuff, and other things belonging to the manufacture were performed. It was in fact worth seeing to what an ability the iron was cut so immensely, so if it was cut L to an edge and applied for the various purposes, it quite would one that